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MANUAL OF
COMPETITIVE EXAMINATIONS
AND
ALL INDIA SERVICES

BY

H. C. BANJAHI

Editor : "CAREERS TODAY" (Monthly)
and "INDUSTRY TODAY" (Monthly)

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PREFACE

e end of his/her studies, an important question faces ery young man and woman. The question is "which or service should be chosen to earn livelihood ?" lucky few, whose parents will absorb them into the f their own, or who will start business of their own, re to find a solution to this question. Evidently ld seek employment, Governmental or otherwise, rs will follow some kind of profession. And if some dance is available at the time of such a decision, it lly be of a very great help to them.

eed of such a guidance in a book form has all along and it became acute since the emergence of Free e have, therefore, with the above end in view, to bring out this painstaking and conscientious , which fills a great need of sons and daughters The book contains useful and upto date informative garding the competitive examinations conducted by and State Public Service Commissions, as well as professional and qualifying examinations in India. nfident that the study of this book will be a great th parents and guardians in deciding their future . The informations given may slightly vary from if and when decided by the authorities concerned.

H. C. BANJAHI

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The Indian Administrative Service
AND
Other Allied Examinations

INTRODUCTION

The Ministry of Home Affairs of the Government of India through the Union Public Service Commission conduct in September each year a combined competitive examination for appointment to the following services :—

(*i*) The Indian Administrative Service,
(*ii*) The Indian Foreign Service,
(*iii*) The Indian Police Service,
(*iv*) The Indian Audit and Accounts Service,
(*v*) The Military Accounts Department,
(*vi*) The Indian Railway Accounts Service,
(*vii*) The Indian Customs and Excise Service,
(*viii*) The Income-tax Officer (Class I, Grade II) Service,
(*ix*) The Transporation (Traffic) and Commercial Departments of the Superior Revenue Establishment of State Railways, and
(*x*) The Indian Postal Service (Class I).

The examinotion is held at Allahabad, Bombay, Calcutta, Cuttack, Delhi, Madras, Nagpur, Patna, and Simla. The candidates accepted for admission to the examination receive well in advance the necessary intimation as to the place and time of the examination.

A candidate seeking admission to the examination should apply to the Secretary, Union Public Service Commission, Parliament House, Post Office Box No. 186, New Delhi, for a copy or copies of the prescribed Application Form or other forms and papers connected with the examination. The Application Form and other forms connected with the examination duly filled in in the candidate's own hand-writing, must reach the Commission's office on or before the date notified, accompanied by the necessary documents.

A candidate may apply for appointment to all or any of these services. If a candidate wishes to be admitted for more than one service, he/she need send in only one application. He/she is required to pay the fees mentioned in the Rules once only and is not required to pay separate fee for each service for which he/she applies.

No complaint as to the application form or a letter written in this connection, has been lost/or delayed in transit will be entertained by the Commission, unless the candidate making such complaint produces a Post Office registration receipt or certificate of posting. A candidate who delays his/her application or his/her request for form until a late date will do so at his/her own risk.

If a candidate, who took the above examination for appointment to one or more than one service, wishes to apply for admission again, he/she must submit his/her application by the date notified without waiting for an offer of appointment. If he/she secures an appointment on the result of the previous examination, his/her candidature for the ensuing examination will be cancelled on request.

RULES

A combined competitive examination for the purposes of filling vacancies in the following services is conducted by the Ministry of Home Affairs of the Government of India, through the Union Public Service Commission in September each year in the manner prescribed in Appendix II to the Rules :—

1. The Indian Administrative Service ;
2. The Indian Foreign Service ;
3. The Indian Police Service ;
4. The Indian Audit and Accounts Service ;
5. The Military Accounts Department ;
6. The Indian Railway Accounts Service ;
7. The Indian Customs and Excise Service ;
8. The Income-tax Officers (Class I, Grade II) Service ;
9. The Transporation (Traffic) and Commercial Departments of the Superior Revenue Establishment of State Railways ; and
10. The Indian Postal Service (Class I).

2. Candidates securing the highest places on the results of the examination and eligible for appointment to the Indian Administrative Service or the Indian Foreign Service, as the case may be, will, subject to any preferences that may have been expressed by them, be appointed to those services up to the number of vacancies that are decided by Government to be filled on the results of this examination. Candidates next in order of merit will be considered for appointment to the vacancies in the remaining Services that are decided to be filled and for which they may be eligible. Due consideration will be given to the preferences expressed by a candidate at the time of his/her application, but the Government of India reserve power to assign him/her to any Service for which he/she is a candidate.

Success in the examination confers no right to appointment, unless Government are satisfied, after such enquiry as may be considered necessary, that the candidate is suitable in all respects for appointment to the Public Service.

3 *Age Limits* : (*a*) (*i*) A candidate for the Transporation (Traffic) and Commercial Departments of the Superior Revenue Establishment of State Railways must have attained the age of 21 and must not have attained the age of 25 on the 1st August, of the year of examination.

(*ii*) A candidate for any other service must have attained the age of 21 and must not have attained the age of 24 on the 1st August, of the year of examination.

(*b*) (*i*) In the case of the Indian Audit and Accounts Service, and other Accounts and Allied Services, and the Income Tax Officers (Class I, Grade II) Service, a Government servant who is over the age of 24 and under the age of 27 on the 1st August of the year of examination and either holds substantively a permanent appointment or has been in continuous service for a period of not less than two years on the closing date for the receipt of applications in a Department or Office under the control of any of the authorities mentioned in column below may be admitted to the examination for the corresponding Service mentioned in Column 2, if he/she is recommended by the Head of his/her Department :

1		2
Comptroller & Auditor General of India	...	Indian Audit & Accounts Service.
Commissioner of Income-tax	...	Income-tax Officers (Class 1, Grade II) Service,
Military Accountant General	...	Military Account Department.
Financial Advisers and Chief Accounts Officers of State Railways. Financial Advisers and Chief Accounts Officer, State Railways Coal Department and Director, Railway Clearing Accounts Office	...	Indian Railway Accounts Service.
A Collector of Customs or a Collector of Central Exeise	...	Indian Customs and Excise Service.

(*ii*) In the case of the Indian Postal Service (Class I) any person in Government Service who is over the age of 24 and under the age of 27 on the 1st August, of the year of examination, and either holds substantively a permanent appointment or has been in continuous service for a period of not less than 2 years on the closing date for the receipt of applications in the subordinate or ministerial staff subject to the administrative control of a Postmaster General or a Director of Posts and Telegraphs except staff of the Telegraph Engineering, Traffic and Wireless Branches, may be admitted to the examinati on if he/she is recommended by the Director-General, Posts and Telegraphs.

(*iii*) No Government servant will be admitted to the examination if he/she has already appeared at two previous examinations under the age concession applicable to candidates for the Accounts and applied Services and the Indian Postal Service Class I).

(*iv*) An assistant in the Government of India Secretariat or an office attached thereto or the office of the U. P. S. C. who is over the age of 24 and under the age of 27 on the 1st

August, of the year of examination may also be admitted to the examination to compete only for the Central Secretariat Grade III, if he/she is recommended by his/her Department provided that in the case of temporary assistant he/she must have rendered continuous service as an Assistant for a period not less than three years and his/her service should be certified as "satisfactory" by the Department or office concerned.

Note : The maximum age limit in all the above cases will be relaxable by three years in favour of :—

(*a*) Scheduled caste candidates.

(*b*) Tribal and Aboriginal Community candidates.

IN NO OTHER CASES CAN THESE AGE LIMITS BE RELAXED.

4. (*a*) A candidate for the Indian Administrative Service or the Indian Foreign Service must hold a degree of one of the Universities enumerated in Appendix I. The degree held by a candidate must be a degree in Arts, Science or Commerce and a degree held in any other subject shall not qualify him/her for admission to the examination. Any question whether a degree held by a candidate is of a nature qualifying him/her for admission to the examination shall be decided by the Union Public Service Commission whose decision shall be final.

(*b*) A candidate for the Indian Police Service must hold a degree of one of the Universities enumerated in Appendix I or have passed the Cambridge Higher School Certificate examination.

(*c*) A candidate for the other services except for the Transportation (Traffic) and Commercial Departments must be a graduate of one of the Universities enumerated in Appendix I or must hold the Chief's Colleges Higher Diploma (Final).

(*d*) A candidate for the Transportation (Traffic) and Commercial Departments of the Superior Revenue Establishment of State Railway must.

(*i*) hold a degree of one of the Universities enumerated in Appendix I ; or

(*ii*) have passed Sections A and B of the Associate Membership examination of the Institution of Engineers

(India) ; or have such educational qualifications as are now or may subsequently be recognised by that Institution as exempting candidates from passing Sections A and B of that examination ; or

(*iii*) hold the Associateship or fellwship of the Indian Institute of Science, Bangalore.

(*e*) In exceptional cases the Union Public Service Commission may treat a candidate, who has not any of the foregoing qualifications, as a qualified candidate, provided that he/she is recommended by the Central or a State Government, and has passed examinations conducted by other institutions, the standard of which, in the opinion of the Commission, justifies his/her admission to the examination.

Note :—Candidates who are otherwise qualified but who have taken degrees from Foreign Universities which are not included in Appendix I, may apply direct to the Commission and may be admitted to the examination at the discretion of the Commission.

5. (*a*) For the Indian Administrative Service or the Indian Police Service, a candidate must be a citizen of the Indian Union and must be domiciled in one of the States of India except Jammu and Kashmir.

Note. 1. Displaced persons who have migrated from Pakistan with the intention of permanently settling down in any of the above States are also eligible to apply.

Note. 2. Vacancies in the cadre of the Indian Police Service of any State are filled only by persons domiciled in that State or in the adjacent Chief Commissioner's State, etc., as shown in Appendix V.

Note. 3. The Government of India may not select a woman candidate who is married or might require a woman to resign from the service in the event of her marrying subsequently.

(*b*) For other services, a candidate must be.

(*i*) a citizen of India, or

(*ii*) a person who has migrated from Pakistan with the intention of permanently settling in India ; or

(*iii*) a subject of Nepal or of Sikkim or of a Portuguese or French possession in India.

Note. 1. If a candidate belongs to category (*ii*) or (*iii*) above, he/she must be a person in whose favour a certificate of eligibility has been granted by the Government of India. A candidate in whose favour such a certificate is necessary may be admitted to the examination on his/her furnishing proof that he/she has applied for the certificate. If he/she qualifies in the examination he/she may be provisionally appointed subject to the necessary certificate being eventually given to him/her by the Government.

Note. 2. For the Indian Foreign Service a woman candidate is eligible only if she is unmarried or a widow without encumbrances. If such a candidate is selected there is express condition that she might be called upon to resign the service on marriage or re-marriage.

Note. 3 A male candidate, married to a woman of nationality other than his own, will not ordinarily be appointed to the Indian Foreign Service ; if a candidate after appointment to the Indian Foreign Service proposes to marry a woman of nationality other than his own he must notify the Secretary Ministry of External Affairs of his intention. The Government of India reserve the right to require him to resign if he marries such a woman.

6. A candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the discharge of his/her duties as an officer of the Service. A candidate who (after such medical examination as Government or the appointing authority, as the case may be, may prescribe) is found not to satisfy these requirements will not be appointed. Only candidate who are likely to be considered for appointment are medically examined.

Note :—In order to prevent disappointment candidates are advised to have themselves examined by a Government Medical Officer of the standing of Civil Surgeon, before applying for admission to the examination. Particulars of the nature of the medical test to which candidates are subjected before appointment and of the standards required can be had from eht Commission's office.

7. Candidates must pay the fees prescribed in Appendix III. No claim for a refund of any of these fees are ordinarily entertained except to the extent stated in the Appendix III nor can they be held in reserve for any other examination or selection.

8. No candidate is admitted to the exmination unless he/she holds a certificate of admission from the Commission.

The decision of the Commission as to the eligibility or otherwise of a candidate for admission to the examination is final.

9. Any attempt on the part of a candidate to obtain support for his/her candidature by any means may disqualify him/her for admission.

Note : The foregoing rules are subject to minor changes which are notified for general information in the Government of India Gazette before inviting applications for the examination.

APPENDIX I

List of Universities approved by the Government of India.

Indian Universities.

Any University incorporated by an Act of the Central or of a State Legislature in India.

The University of Mysore

Osmania University.

The University of Travancore.

The University of Rajputana (A degree in Arts, Science, Commerce, Agriculture and Engineering only is accepted at present).

Jammu and Kashmir University (B. A., B. Sc., B. T., M. A., Degrees only are accepted at present.)

University in Burma

The University of Rangoon.

English and Welsh Universities

The Universities of Birmingham, Bristol, Cambridge, Durham, Leeds, Liverpool, London, Manchester, Oxford, Reading, Sheffield and Wales.

Scottish Universities.

The Universities of Aberdeen, Edinburgh, Glasgow and St. Andrews.

Irish Universities.

The University of Dublin (Trinity College)
The National University of Dublin.
The Queen's University, Belfast.

Universities in Pakistan.

The University of Punjab.
The Dacca University.
The University of Sind (Degrees awarded in the years 1948 and 1949).

APPENDIX II.

All Question Papers must be answered in English, except Question Papers in Languages which, unless specifically required otherwise, may be answered in English or in the language offered.

1. The following will be the subjects* for examination :—

		Marks
COMPULSORY.		
(1)	English Essay	150
(2)	General English	150
(3)	General Knowledge	150
OPTIONAL.		
[4]	Pure Mathematics	200
[5]	Applied Mathematics	200
[6]	Chemistry	200
[7]	Physics	200
[8]	Botany	200
[9]	Zoology	200

[10]	Geology	...	200
[11]	English Literature	...	200
[12]	Indian History	...	200
[13]	British History	...	200
[14]	World History	...	200
[15]	International Law	...	200
[16]	General Economics	...	200
[17]	Political Science	...	200
[18]	Law	...	200
[19]	Philosophy	...	200
[20]	Geography	...	200
[21]	One of the following :—		
	Latin, French, Sanskrit, Arabic, Persian, Spanish, Russian, German, or Chinese	...	200

Note :—For the Indian Foreign Service only and for no other Service candidates may select any two of these languages.

[22]	Statistics	...	200
[23]	Advanced Accountancy and Auditing	...	200
[24]	Mercantile Law	...	200
[25]	Applied Mechanics	...	200
[26]	Prime Movers	...	200

2. Candidates for the Indian Police Service must select two and not more than two and candidates for all other services must select three and not more than three, optional subjects from the above list.

3. *Restrictions on the selection of optional subjects* :—

(*a*) Subjects 25 and 26 must not be offered for the Indian Administrative Service, the Indian Foreign Service and the Indian Police Service.

(*b*) Of the History subjects 12, 13 and 14, not more than two can be offered for any service

(*c*) Of the Law subjects 15, 18 and 24 not more than two can be offered for any service.

4. The Commission have discretion to fix qualifying marks in any or all of the subjects at the examination.

5. The Commission will summon all candidates (or at their discretion only those candidates who qualify at the written examination) for a *viva voce* test at which a maximum of 300 marks will be awarded. No candidate will be appointed who fails to secure 105 marks at the *viva voce* test.

6. From the marks assigned to candidates in each subject such deduction will be made as the Commisson may consider necessary in order to secure that no credit is allowed for merely superficial knowledge.

7. If a candidate's handwriting is not easily legible, a deduction will be made on this account from the total marks otherwise accruing to him/her.

8. Credit will be given for orderly, effective and exact expression combined with due economy of words in all subjects of the examination.

*Detailed syllabus printed separately as an annexure to this Appendix.

APPENDIX III

Fees

Candidates must pay the following fees :—

A. To the Union Public Service Commission :—

A consolidated application and examination fee of Rs. 82/8/- (Rs. 20/10/- in the case of candidates belonging to the Scheduled Castes and Tribal and Aboriginal Communities) with the application.

Only a treasury receipt for this amount or Crossed Indian Postal Orders payable to the Secretary, Union Public Service Commission will be accepted. The Commission cannot accept the fee in cash or in cheques.

Note.—The Commission may, at their discretion, remit the prescribed application and examination fee where they are satisfied that the applicant is a *bona fide* displaced person and is not in a position to pay the prescribed fee.

B. To the Medical Board :—

Rs. 16/- before examination by a Medical Board in the case of successful candidates.

Candidates are required to pay their medical fee in cash to the Medical Boards concerned at the time of their medical examination.

No claim for a refund of these fees will ordinarily be entertained, nor can they be held in reserve for any other examination or selection. A refund of Rs. 75/- (Rs. 18/12/- in the case of candidates belonging to the Scheduled Castes and Tribal and Aboriginal Communities) will, however, be allowed to a candidate who has paid the consolidated fee of Rs. 82/8/- (Rs. 20-10-0 in the case of candidates belonging to the Scheduled Castes and Tribal and Aboriginal Communities) but who is not admitted to the examination by the Commission.

APPENDIX IV

Brief particulars relating to the Services to which recruitment is made through this Examination. (Detailed information may, if desired, be obtained from the Ministry concerned).

1. Indian Administrative Service.—(*a*) Appointments are made on probation for a period of one year which may be extended. Successful candidates are required to undergo probation at such place and in such manner and pass such examinations during the period of probation as the Government of India may determine.

(*b*) If, in the opinion of Government, the work or conduct of an officer on probation is unsatisfactory or shows that he/she is unlikely to become efficient, Government may discharge him/her forthwith.

(*c*) On the conclusion of his/her period of probation, Government may confirm the officer in his/her appointment or, if his/her work or conduct has in the opinion of Government been unsatisfactory, Government may either discharge him/her from the Service or may extend his/her period of probation for such further period as Government may think fit.

(*d*) If the power to make appointments in the Service is delegated by Government to any officer, that officer may exercise any of the powers of Government under clauses (*b*) and (*c*) above.

(*e*) An officer belonging to the Indian Administrative Service is liable to serve anywhere in India either under the Central Government or under a State Government.

(*f*) *Pay Scales* :—

Junior Scale : Rs. 350—400—450—450—500—540—30—600—E.B.—30—870—40—950 (19 years).

Senior Scale : Rs. 800 (6th year or under)—50—1,000—60—1,300—50—1,800 (25 years).

A probationer is started on the junior time scale and permitted to count the period spent on probation towards leave, pension increment in the time scale.

(*g*) *Provident Fund.*—An officer of the Indian Administrative Service from the date of confirmation contributes compulsorily towards a Provident Fund at a minimum rate prescribed by Government from time to time.

(*h*) *Travelling Allowance.*—An officer of the Indian Administrative Service is governed by the provisions of the Supplementary Rules for purposes of travelling allowance.

(*i*) *Leave.*—Leave are admissible to an officer of the Indian Administrative Service as for a Class I officer of the Central Government in terms of the Revised Leave Rules, 1933, as amended from time to time.

(*j*) *Medical Attendance.*—An officer of the Indian Administrative Service is entitled to the same facilities as are admissible at present to a Class I officer of the Central Government under the Central Services (Medical Attendance) Rules, 1944, till such time as a separate set of Medical Attendance Rules is framed for officers of the Indian Administrative Service.

(*k*) *Retirement Benefits.*—The terms are at present under consideration.

2. *Indian Foreign Service.*—(*a*) Appointments are made on probation for a period which does not ordinarily exceed 3 years. Successful candidates are required to attend a preliminary course of lectures for three months in India and are then sent abroad for training for 18 months, a part of which is spent in a foreign University, where they are required to study such subjects as are prescribed and a foreign language. On

completion of training abroad probationers are required to undergo further training in India. During their period of training, the probationers are required to pass one or more examinations before they become eligible for confirmation in the Service.

(*b*) On the conclusion of his/her period of probation and on his/her passing the prescribed examinations Government may confirm the officer in his/her appointment, or if his/her work or conduct has, in the opinion of Government, been unsatisfactory, Government may either discharge him/her from the Service or may extend his/her period of probation for such further period as Government may think fit.

(*c*) If, in the opinion of Government, the work or conduct of an officer on probation is nnsatisfactory or shows that he/she is not likely to prove suitable for the Foreign Service, Government may discharge him/her forthwith.

(*d*) If the power to make appointments in the Service is delegated by Government to any officer, that officer, may exercise any of the powers of Government under clauses (*b*) and (*c*) above.

(*e*) *Pay Scales.*

Junior Scale : Rs. 350—400—450—450—500—540—30 690—E.B.—30—870—40—950 (19 years).

Senior Scale : Rs. 800—(6th year or under)—50—1000 —60—1300—50—1800 (25 years).

(*f*) A probationer receives the following pay during probation :—

First year Rs. 350 per mensem.
Second year Rs. 400 per mensem.
Third year Rs. 450 per mensem.

This may be supplemented as necessary with an allowance towards the cost of training abroad.

Note :—Annual increments during probation are contingent on the probationer passing the prescribed tests if any and showing progress to the satisfaction of Government. On successful completion of probation, a probationer is confirmed in the Indian Foreign Service.

(*g*) An officer belonging to the Indian Foreign Service is liable to serve anywhere inside or outside India.

(*h*) Other conditions of service, *e.g.*, Leave, Pension, etc., are determined by Government later.

3. *Indian Police Service.*—(*a*) Appointments are made on probation for a period of one year which may be extended. Successful candidates are required to undergo probation at such place and in such manner and pass such examinations during the period of probation as Government may determine.

(*b*), (*c*), (*d*) As in Clauses (*b*), (*c*) and (*d*) for the Indian Administrative Service.

(*e*) An officer belonging to the Indian Police Service is ordinarily appointed in the State to which he/she belongs or in which he/she is domiciled. He/she is however, liable to serve anywhere in India either under the Central Government or under a State Government.

(*f*) *Pay Scale* :

Junior Scale : Rs. 350—350—380—380—30—590 E.B. —30—770—40—850 (19 years).

Senior Scale : Rs. 600 (6th year or under)—40—1,000 —1,000—1,050—1,050—1,100—1,100—1,150 (in the 22nd year).

Selection Grade : Rs. 1250.

(*g*), (*h*), (*i*), (*j*), (*k*) As in clauses (*g*) (*h*) (*i*) (*j*) and (*k*) for the Indian Administrative Service.

4. *Indian Audit and Accounts Service.*

5. *Military Accounts Deparatment.*

6. *Indian Railway Accounts Service, and*

7. *Indian Customs and Excise Service.*

(*a*) Appointments are made on probation for a period of 2 years, provided that this period may be extended if the officer on probation has not qualified for confirmation by pass-

ing the prescribed departmental examinations. Repeated failure to pass the departmental examinations within a period of 3 years involves loss of appointment.

(*b*) Probationers of the Indian Railway Accounts Service are required to pass a language examination in Urdu or Hindi by the lower standard, modified to suit the requirements of the Railway before their pay can be raised Rs. 350 to Rs. 380 in the time scale during the period of their probation. Probationers who can read, write and speak in Urdu or Hindi, may be exempted by the General Manager from passing the language examination. Failure to pass the examination within the probationary period involves liability to removal from service.

(*c*) If, in the opinion of Government, the work or conduct of an officer on probation is unsatisfactory, or shows that he/she is unlikely to become efficent, Government may discharge him/her forthwith.

(*d*) On the conclusion of his/her period of probation, Government may confirm the officer in his/her appointment or if his/her work or conduct has in the opinion of Government been unsatisfactory, Government may either discharge him/her from the Service or may extend his/her period of probation for such further period as Government may think fit, provided that in respect of appointments to temporary vacancies there is no claim to confirmation.

(*e*) If the power to make appointments in the Service is delegated by Government to any officer, that officer may exercise any of the powers of Government described in the above clauses.

Scales of Pay

Indian Audit and Accounts Service and Military Accounts Department.

Junior Scale : Rs. 350—350—380—380—30—590—E.B.—30—770—40—850.

Senior Scale : Rs. 600 (6th year or under)—40—1,000—1,000—1,050—1,050—1,100—1,100—1,150.

Indian Railway Accounts Service—

Junior Scale : Rs. 350—350—380—380—30—590—E.B.—30—770—40—850.

Senior Scale : Rs. 600 (6th year or under)—40—1,000—1,000,—1,500—1,050—1,100—1,100—1,150.

Junior Administrative Grade : Rs. 1,300—60—1,600.

Senior Administrative Grade : Under consideration.

Note.—Probationary officers are started on the minimum of the Junior Scale and their services are counted from the date of joining.

Indian Customs and Excise Service—

Time Scale—

(*i*) Rs. 350—380—380—30—590—E.B.—30—770—40—850 (Junior Scale).

(*ii*) Rs. 600—40—1,000—1,000—1,050—1,050—1,100—1,100—1,150 (Senior Scale).

Note 1. The Officer on probation is not allowed the pay above the stage of Rs. 380 unless he/she passes the departmental examinations in accordance with the rules which are prescribed from time to time.

Note 2. It should be clearly understood by probationers that their appointment is subject to any change in the constitution of the Indian Customs and Excise Service which the Government of India may think proper to make from time to time and that they would have no claim for compensation in consequence of any such changes.

8. *Income Tax Officer Class I, (Grade II) Service.*—(*a*) Appointments are made on probation for a period of 2 years provided that this period may be extended if the officer on probation has not qualified for confirmation by passing the prescribed departmental examinations. Repeated failure to pass the departmental examinations within a period of 3 years involves loss of appointment.

(*b*) If, in the opinion of Government, the work or conduct of an officer on probation is unsatisfactory or shows that he/she is unlikely to become efficient, Government may discharge him/her forthwith.

(c) On the conclusion of his/her period of probation, Government may confirm the officer in his/her appointment, or if his/her work or conduct has in the opinion of Government been unsatisfactory, Government may either discharge him/her from the Service or may extend his/her period of probation for such further period as Government may think fit; provided that in respect of appointments to temporary vacancies there is no claim to confirmation.

(d) If the power to make appointments in the Service is delegated by Government to any officer, that officer may exercise any of the powers of Government described in the above clauses.

(c) *Scale of Pay*

Grade II :

Time Scale : Rs. 350—350—380—380—30—590—E. B.—30—770—40—850.

Grade I :

Time Scale : Rs. 600—40—1,000—1,000—1,050—1,050—1,100—1,100—1,150.

Note 1. The Officer on probation is not allowed the pay above the stage of Rs. 380 unless he/she passes the departmental examinations in accordance with the rules which are prescribed from time to time.

Note 2. It should be clearly understood by probationers that their appointments are subject to any change in the constitution of the Income Tax Service Class I which the Government of India may think proper to make from time to time and that they would have no claim for compensation in consequence of any such changes

9. *Transportation (Traffic) and Commercial Departments of the Superior Revenue Establishment of State Railwags* : The arrangements and the rates of pay hereinafter described are subject to revision according to the requirements of the Service)

(1) (a) Candidates selected for appointment are appointed as probationary officers in the Transpotation (Traffic) and

Commercial Departments for a period of three years during which they have to undergo the training as indicated at the end of para (13).

(*b*) During this probationary period the agreement which probationary officers are required to sign may be terminated by three months' notice on either side.

(*c*) At the conclusion of the probationary term of 3 years, officers, who have passed the written and oral tests prescribed in the subjects in which they have been trained, and, who are reported on, are confirmed in the Transportation (Traffic) and Commercial Departments. On confirmation their agreement are continued subject to their service being terminable on six months' notice on either side.

(*d*) Within 5 years of their appointments as probationers officers may be allocated to the Transportation (Traffic) or the Commercial Department. They, thereafter, continue in the Department to which they are allotted unless it is considered necessary in the public interest to transfer any particular officer from one to the other Department.

(2) Probationers are required to pass a language examination in Urdu or Hindi by the lower standard, modified to suit the requirements of the Railways before their pay can be raised from Rs 350 to Rs. 380 in the time scale during the period of their probation. Probationers who can read, write and speak in Urdu or Hindi, may be exempted by the General Mnanager from passing the language examination. Failure to pass the examination within the probationary period involves liability to removal from service.

(3) Officers (including probationers of the Transportation (Traffic) and Commercial Departments of the Superior Revenue Establishment of State Railways recruited under these rule, are not entitled to pension on quitting the service, but will be eligible throughout their service for the benefits of the State Railway Provident Fund, to which they are required to subscribe, and by the rules of which Fund they are required to abide.

(4) Pay commences from the date of joining service. Service for increments is also counted from that date.

(5) Officers recruited under these rules are eligible for leave in accordance with the rules for the time being in force applicable to officers of State Railways.

(6) Officers are ordinarily employed throughout their service on the railway to which they may be posted on first appointment and have no claim as a matter of right to transfer to some other Railway. But the Government of India reserve the right to transfer such officers in the exigencies of service to any other railway or project in or out of India.

(7) The relative seniority of officers appointed ordinarily is determined by their order of merit in the competitive examination. The Government of India, however, reserve the right of fixing seniority at their discretion in individual cases. They also reserve the right of assigning to officers appointed otherwise than by a competitive examination positions in the seniority list at their discretion.

(8) *Scales of Pay* :

Junior Scale : Rs. 350—350—380—380—30—590—E. B. —770—40—850.

Senior Scale : Rs. 600 (1st to 6th year)—40—1,000—1,000 —1,050—1,050—1,100—1,150.

Junior Administrative Grade—Rs. 1,300—60—1600.

Senior Administrative Grade—Under consideration.

Note—Probationary officers are started on the minimum of the Junior Scale and their service is counted for increments from the date of joining.

(9) The increments are given for approved service only and in accordance with rules of the Department.

(10) Promotions to the administrative grades are dependent on the occurrence of vacancies in the sanctioned establishment and are made wholly by selection : mere seniority is considered to confer no claim to promotion.

(11) The administrative appointment in the Transportation (Traffic) Departments is also open to officers of the Transportation (Power) Department.

(12) The administrative appiontments are not reserved for officers of the Transportation (Traffic) and Commercial or

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Transportation (Power) Departments of the Superior Revenue Establishment of State Railways, and the Government of India reserve the right to appoint at their discretion, an officer of any department of a Railway to any of these posts.

(13) Officers of the Transportation (Traffic) and Commercial Departments are eligible for appointment to administrative posts in the Agency and the Division.

Courses of training for probationers in the Transportation (Traffic) and Commercial Departments

Note 1.—The Government of India reserve the right to reduce, at their discretion, the period of training in the case of candidates who have had previous training or experience either in the United Kingdom or India.

Note 2.—The programmes of training given below have been drawn up chiefly for the purpose of guidance: they may be varied at the discretion of General Managers to suit particular cases, provided that the total aggregate period of training is not ordinarily curtailed.

(1) Length of Course—Two years.

		Months
Area School to learn Guard's duties and elementary Station Accounts	...	2½
Working as Guard*	...	1
Attached to Yards Master	...	1
Posted to Goods and Transhipment Shed	...	1½
Traffic Accounts, including personal preparation of Balance Sheet at Stations	...	2
Area School to qualify as Assistant Station Master	...	1
Working as Assistant Station Master, Station Master and Yard Foreman*	...	3
Working as Assistant Locomotive Foreman*	...	1
Working as Assistant Controller	...	2
Training in District or Divisional office	...	2

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Training in Headquarters' Office (Operating) Training in Headquarters Office (commercial) Final theoretical transportation and commercial Course at Headquarters or at some other selected place, to be followed by an examination.	7 months, of which not less than two must be spent in the Operating Branch and in the Commercial Branch of a Headquarters office
	Total : 24

(2) Provided he/she passes the examination at the end of his/her two years' training a probationer is given charge of a working post on probation for a further year.

(3) Examinations are held as may be required at the close of course as well as at intervals during the period of training.

***Note.**—Before a probationer is put to work independently as a Guard, Assistant Station Master, Station Master, Yard Foreman, Assistant Locomotive Foreman or Assistant Conroller, he/she must be examined by a responsible officer of the administration in the respective duties for each of these posts and declared qualified.

10. *Indian Postal Service (Class 1).*—(*a*) Selected candidates are under training in the department for a period which does not ordinarily exceed two years. During this period they are required to pass the prescribed departmental test.

(*b*) If, in the opinion of Government, the work or conduct of any officer under training is unsatisfactory or shows that he/she is unlikely to become efficient, Government may discharge him/her forthwith.

(*c*) On the conclusion of his/her period of training Government may confirm the officer in his/her appointment, or, if his/her work or conduct has in the opinion of Government been unsatisfactory, Government may either discharge him/her from the Service or may extend his/her period of training for such further period as Government may think fit.

(*d*) If the power to make appointments in the Service is delegated by Government to any officer, that officer may exercise any of the powers of Government described in the above clauses.

(*e*) *Scales of Pay* :—

Junior Time-Scale : Rs. 350—350—380—380—30—590—E.B.—30—770—40—850.

(Officers under training will draw pay in this time-scale)

Senior Time Scale : Rs. 600—40—1,000—1,000—1050—1050—1,100—1,100—1,150.

Directors of Postal Services Grade II	...	Rs. 1,000—50—1,400.
Directors of Postal Services Grade I	...	Rs. 1,300—60—1,600.
Postmasters General	...	Rs. 1800—100—2,000.

(*f*) An officer under training is not eligible to draw the next increment unless he/she passes the departmental examination.

11. The other conditions of service are likely to be revised in the light of the recommendations of the Central Pay Commission. Candidates are not entitled to compensation, if they are adversely affected by any changes in the conditions of service whicy may subsequently be introduced in the light of orders passed on the recommendations of the Central Pay Commission or otherwise.

APPENDIX V

Vacancies in the Cadres of the Indian Police Service in any of the following States are filled only by persons domiciled therein, Vide note (2) under Rule 5(*a*). *Note 2.*

(1) Assam (including tribal areas and Manipur). (2) Bihar. (3) Orissa. (4) West Bengal and Tripura. (5) Bombay and Cutch. (6) Madhya Pradesh and Bhopal. (7) Madras and Coorg. (8) Punjab, Delhi. (9) The Uttar Pradesh, Delhi, Ajmer and Panth Piploda. (10) Hyderabad. (11) Rajasthan. (12) Madhya Bharat. (13) Saurashtra. (14) Mysore. (15) Travancore and Cochin. (16) Vindhya Pradesh. (16) PEPSU.

Note 1.—The Delhi candidatee at the time of applying must give their choice as to the Selection area (U.P. or Punjab), from which they wish to compete.

Note 2.—Candidates from Himachal Pradesh are also eligible to apply for the I.P.S. It has not yet been decided in which selection area, Himachal Pradesh should be included. The candidates from that state will be appointed to the cadre of that state in which selection area, Himachal Pradesh is included.

ANNEXURE TO APPENDIX II OF THE RULES

Standard and Syllabus of the Examination

Note.—The standard of optional papers is approximately that of an Honours Degree examination of an Indian University.

1. *English Essay*—An essay to be written in English on one of several specified subjects.

2. *General English*,—Questions to test the understanding of and the power to write English Passages are usually set for summary or precis.

3. *General Knowledge.*—Including knowledge of current events and of such matters of every day observation and experience in their scientific aspects as may be expected of an educated person who has not made a special study of any scientific subject. The paper also includes questions of Indian History and Geography of a nature which candidates should be able to answer without special study.

4. *Pure Mathematics.*—The subjects included are :—

(1) Algebra, Trigonometry and Theory of Equations with Determinants.

(2) Pure Plane Geometry and Analytical Geometry of two and three dimensions.

(3) Differential and Integral Calculus and differential equations.

5. *Applied Mathematics.*—The subjects included are :

(1) Statics (including Theory of Attractions and Potential and Hydrostatics).

(2) Dynamics of a particle and Elementary Rigid Dynamics.

6. *Chemistry.*—The paper includes questions on General (including Physical) Chemistry, Inorganic Chemistry and Organic Chemistry.

7. *Physics.*—The paper includes questions on General Physics, Heat, Light, Sound, Electricity and Magnetism.

8. *Botany.*—The subject includes Vegetable Physiology.

9. *Zoology.*

10. *Geology.*—The subject includes Mineralogy,

11. *English Literature.*—Candidates are expected to show a general knowledge of the history of English Literature from the time of Spenser to the end of the reign of Queen Victoria with special reference to the works of the following authors :—

Shakespeare, Milton, Johnson, Dickens, Wordsworth, Keats, Carlyle, Tennyson and Hardy.

Evidence of first hand reading is required.

12 & 13. *Indian and British History.*—The examination is given in Indian History from the beginning of Asoka's reign to the close of the 19th Century and in British History from 1485 to 1880. The papers include questions on social and literary developments.

14. *World History.*—1789 to 1939.

15. *International Law.*—Including also the History of International Law and the Law of belligerents and neutrals in war.

16. *General Economics.*—Candidates are expected to have a knowledge of economic theory and should be prepared both to illustrate theory by facts and to analyse facts by the help of theory. Questions may be set on the history of economic thought.

17. *Political Science.*—Candidates are expected to show a knowledge of political theory and its history, political theory being understood to mean not only the theory of legislation but

also the general theory of the State. Questions may also be set on constitutional forms Representative Government, Federalism, etc.) and Public Administration, Central and Local. Candidates are expected to have the knowledge of the origin and development of existing institutions.

18. *Law.*—Constitutional Law of the British Empire, Jurisprudence, Torts, Indian Law of Contract, Indian Evidence Act, Indian Penal Code.

19. *Philosophy.*—The subject covers the history and the theory of Ethics, Eastern and Western, and includes moral standards and their application, the problems of moral order and Progress of Society and the state, and theories of punishment. It includes also the history of western Philosophy and should be studied with special reference to the problems of space, time and casuality, evolution and value and the nature of God.

20. *Geography.*—Geography of the world with special reference to India. Questions may be set on topics which concern Geography jointly with other subjects, such as Economics, History, Physics, Botany and Geology.

21. *Languages.*—Candidates are expected to show a knowledge of the principal classical authors and to be able to translate from and compose in the languages.

Note.—Candidates for Sanskrit, Arabic and Persian may be asked to answer some questions in Sanskrit, Arabic or Persian as the case may be. Answers required to be written in Sanskrit must be written in the Devanagri script.

22. *Statistics.*—(1) Frequency distributions, average, percentiles, and simple methods of measuring dispersion, graphic methods, treatment of qualitative data, *e.g.*, investigation of association by comparison of ratios, the practice of graphic and algebraic methods of interpolation.

(2) Practical methods used in the analysis and interpretation of statistics of prices, wages and incomes, trade transport production and consumption, education, etc., methods of dealing with population and vital statistics, miscellaneous methods used in handling statistics of experiments of observations.

(3) Elements of modern mathematical theory of statistics, frequency curves and the mathematical representation of groups generally, accuracy of sampling as affecting averages, percentages, the standard deviation, significance of observed differences between averages, of groups, etc., the theory of correlation for two variables.

23. *Advanced Accountancy and Auditing.*

(*a*) *Advanced Accountancy*—The principles of Accountancy and their practical application to all types of trading, commercial, industrial, banking, insurance and investment undertakings Accounts relating to the floatation, amalgamation, absorption, reconstruction, reorganisation and liquidation o companies, partnerships, holding and subsidiary companies, statutory and public utility undertaking the accounts of educational, scientific, charitable and religious endowments trusts and institutions ; provident and superannuation funds ; branch accounts, foreign exchange, etc.

Note.—The accounts of Executors and Trustees of the Estates of Deceased Person, Liquidators, Receivers, Official Assignee etc. are *not included.*

(*b*) *Cost Accounts* :—The main principles of Cost Accounting. The treatment and control of stock stores, materials labour, direct and indirect expenses and on cost.—Contract Cost Accounts process, Cost accounts, Single costing, standard costing, multiple costing, and operation costing ; Double Entry Cost accounting ; reconciliation of cost accounts with financial accounts.

Note :—Candidates are expected to be acquainted mainly with the basic principles ; specialised knowledge of cost accounting is not required.

(*c*) *Auditing* :—The principles and procedure of Auditing and their practical application to all types of trading, commercial, industrial, banking, insurance, public utility and investment undertakings ; Rights and Duties of Auditors, Internal Audit, Investigation of actual and suspected frauds. Auditor's reports, certificates and opinions. Limitations of Audit.

(*d*) *Income-tax* :—The main Legal and Accountancy Principles governing the *computation of total income and total world income* for purposes of Income-tax.

Note :—Specialised knowledge of Income-tax Law is *not* expected. Candidates are required to have a sound grasp of the provisions of section 10 of the I. T. Act and a working knowledge only of section 3 to 4-B, 6 to 15 A, 16 (1) (*a*) and (*b*), 16 (2), 17, 18 A, 22, 23 (1) to (3), 26 A, 42, 49 B and 55 to 58 and the connected Rules of the Indian Incom-tax Act, 1922. Also the Indian Finance Acts of 1946 and subsequent years.

24. *Mercantile Law* :—The main principles of the Law relating to :—

Agreements, Contracts, Bailment, Pledge, Sale of Goods, Agency, Partnership, Indemnity and Guarantee, Negotiable Instruments, Company Law ; Liquidation of Companies, Life, Fire and Marine Insurance, Common Carriers, Carriage of Goods by Land, Sea and Air, and Insolvency.

25. *Applied Mechanics.*—

(*a*) *Buildings.*

Consideration of materials used in the construction of roof-trusses. Steel and timber. Determination of stresses in trusses by various methods. Dead-loads and wind pressures. Factors of safety and working stresses. Design of roof-trusses. Various types of roof trusses and roof-coverings ; collar beam and hammer beam trusses. Use of Euler's, Gordon's, Rankine's Fidler's, Johnson's and straight line formulae in the design of struts. Buckling factor of struts ; curves showing comparative strength of struts obtained by various formulae. Choice of size of sections. Finish of steel work. Joints, Design of end-bearings ; methods of fixing and supporting ends. Application of circle and ellipse of stress and Clapeyron's theorem to design of structures.

Cast iron and Steel Columns.—Flange and web connections to steel Columns caps bases ; transverse bracing of columns.

Foundations.—Safe pressures, foundations for columns, slab foundations ; cantilever foundations ; grillage foundations. Wells, Piles.

Retaining Walls and Earth Pressures.—Rankine's theory, Wedge theory, Winkler's and Bligh's graphical construction with corrections. Design of various types of retaining walls in masonry.

Tall Masonry and Steel Chimneys.—Theory and design.

Design of Steel and masonry reservoirs, with considerations of wind-pressures. Deflection of framed structures and determination of stresses, etc., in redundant frames. Influence diagrams for bending moment and shear for uniformly distributed and irregular loads on trusses, built in beams, and three pinned, parabolic semi-elliptic and semi-circular arches. General principles of dome design.

Principles of Building Design ; consideration of loads on buildings. Steel-work girders, etc., for buildings.

(*b*) *Bridges.*

Design of superstructures. Determination by graphic and analytical methods of bending moment due to moving loads. Wind pressures. Design of masonry bridges and culverts. Plate-webb girders. Analysis of stresses. Warren and lattice girders. Three pinned arches ; doubly pinned and rigid arches. General considerations on the design of suspension, cantilever and tubular bridges. Steel arches bridges. Swing bridges.

(*c*) *Reinforced Concrete.*

Shear, bond, and diagonal tension ; its nature, evaluation and location of reinforcement. Design of simple doubly reinforced beams and continuous beams. Theory and design of reinforced concrete columns and piles. Design of slab foundations. Design of simple cantilever and counterfort retaining walls. Equivalent moments of inertia for reinforced concrete sections. Theory of elastic deflections and outline of investigation of stresses in reinforced concrete arches.

(*d*) *General.*

Analysis of stress, analysis of strain, elastic limit and ultimate strength. Relation between the elastic constants. Launhardt-Weyrauch formula for working stresses in a structural member and determination of its cross sectional area. Repetition of stresses. Bending moment and shearing force

diagrams for dead loads. Graphical determination of stresses in frames ; effect of wind pressures ; method of sections. Stress in the cross-section of a beam due to bending (M/I f/y E/R) ; compound and conjugated stresses. Rankine s theory of earth-pressure, depth of foundation and strength of footings. Grillage foundation ; Coulomb's theory of earth-pressure modification due to Rebahn.

Bending moment and shearing force diagrams for live loads. Analysis of uniform and uniformly varying stress. Elastic theory of bending of beams ; bending and shear stresses in beams. Modulus of section and equivalent areas. Maximum and minimum stresses in a joint due to eccentric loading. Stresses in dams and chimneys. Stability of block work structures. Design of rivetted joints and stresses in boiler shells. Euler's theory concerning struts ; modifications due to Rankine, Gordon and others. Torsion. Combined torsion and bending deflections Encastre beams. Continuous beams and theorem of three moments. Elastic theory of arches. Masonry arches.

26. *Prime Movers.*—

Fuel, Gas Plants and Boilers.

(*a*) *Fuel.*—Coal, wood, petroleum, gas, petrol, alcohol, etc., physical characteristics approximate chemical composition, head of combustion. (*b*) *Gas Plants.*—Gas-producers ; pressure suction plants arrangements and working. (*c*) *Boilers.*—Draught natural, forced and induced. Ordinary forms or stationary, locomotive, marine, water tube and other types ; heating surface, firegrate area ; boiler efficiency ; superheaters; feed water heaters accessories and management.

Theory of Heat Engines :—(*a*) Thermodynamical principles ; Carnot's cycle ; perfect heat engine second law (*b*) *Air Engines.*—Stirling and other forms (*c*) *Inter Cumbustion Engines.*—Gas, oil and petrol engines ; engines with fluid pistons ; types and working features of cycle. Proportioning of mixtures efficiencies (*d*) *Steam.*—Thermodynamics of the generation, expansion and condensation of steam heat-diagrams, etc. (*e*) Steam engines and turbines, with special references to modern developments. (*f*) *Refigerating Plant.*—Theory and

general arrangement of the more common types. (g) *Air Compressors.*—Theory of pneumatic working.

Generating Plants Accessories and Details (a) General arrangement and construction of the more important types. (b) Condensers, air-pumps, circulating pumps, cooling tanks etc. (c) Carburettors and systems of ignition. (d) Cylinders, pistons, cross-heads, guides, connecting rods, cranks, governors, fly-wheels, valves and valve-gears, glands and pipes.

(e) *Engine Testing.*—Consumption of steam and fuel, gas, and oil; brakes, and dynamo-meters, indicators and indicators diagrams.

Viva-Voce.—The candidate are interviewed by a Board who have before them a record of his/her career. He/she is asked questions on matters of general interest. The object of the interview is to assess his/her suitability for the service for which he/she is entered, and in framing their assessment the Board attaches particular importance to his/her intelligence and alterness, his/her vigour and strength of character and his/her potential qualities of leadership.

INSTRUCTIONS TO CANDIDATES

1. The application and attestation forms must be filled up in the candidate's own hand-writing.

2. The application form together with the attestation form should be submitted direct to the Secretary, Union Public Service Commission, Parliament House, P. O. Box No. 186 New Delhi, except by a candidate already in Government* Service, whether in a permanent or temporary capacity. A Government servant must submit his/her application along with the attestation form through the Head of the Department or office concerned, who will, if he considers the candidate eligible for the examination, forward it to the Union Public Service Commission with his recommendations. *No application received after the date prescribed in the notice is accepted.*

3. If a candidate sends his/her application by post and desires an acknowledgment, he must send the application

*Service rendered under the Government of a Former Indian State is not regarded as "Government Service."

"Registered acknowledgement due", no applications are otherwise acknowledged.

4. A candidate who is found to have knowingly furnished any particulars which are false, or to have suppressed material information, are disqualified and, if appointed, is liable to dismissal.

5. The candidate must send the following documents with the application.

(*i*) A Treasury Receipt or Crossed Indian Postal Orders payable to the Secretary, Union Public Service Commission for Rs. 82/8/- [Rs. 20/10/- in the case of candidates belonging to scheduled castes and Tribal and aboriginal communities.)

(*ii*) A certificate of age.

(*iii*) A certificate of character.

(*iv*) A certificate of Educational qualification.

Candidates are warned that if the application is incompletely or wrongly filled up or is not accompanied by any of the certificates mentioned in sub-paragraphs (*ii*), (*iii*) and (*iv*) above or by a reasonable explanation of its absence, it is summarily rejected and that no appeal against its rejection is entertained.

Candidates are further warned that they must submit the documents, which they have not sent with their applications and for the absence of which have given explanation in their applications, as soon after the submission of applications as possible. In any case these must be sent so as to reach the Comission's office one month before the date of commencement of the examination ; otherwise their candidature for the examination is cancelled.

Note 1. Candidates who are in the United Kingdom, Australia, Pakistan, Burma, Ceylon or Malaya at the time of submitting their applications should deposit the amount of their prescribed fee [the equivalent fee of Rs. 82/8/-, Rs. 20/10/ in the case of candidates belonging to the scheduled castes and tribal and aboriginal community) in the office of the High Commissioner for India in the United Kingdom, Australia, or

Pakistan or in the office of the Government of India's Representative in Ceylon or Malaya, as the case may be and forward the receipt from that office.

Note 2.—Cash or cheques are not accepted by the Union Public Service Commission.

Note 3.—All Postal Orders should be crossed and made payable to Secretary, Union Public Service Commission at New Delhi Post Office and in no case are Postal Orders of another Post Office accepted.

(*i*) *Evidence of age*—The only proof of age ordinarily accepted by the Commission is the age or date of birth entered in the Matriculation Certificate or in the Secondary School Leaving Certificate or in a certificate recognised by an Indian University as equivalent to Matriculation or in an extract from a Register of Matriculates maintained by a University, which extract must be certified by the proper authority of the University. The expression "Matriculation Certificate" in this part of the instructions must be understood as ineluding these alternative certificates.

Candidates will thus understand that the Matriculation Certificate is required in all cases as evidence of age, and it must invariably be sent to the Commission *in original with a copy* thereof together with the application.

Sometimes the Matriculation Certificate only shows the age by completed years or completed years and months. In such cases the candidate must send, *in addition to the Matriculation Certificate*, an original certificate together with a copy thereof from the Headmaster of the High School which he/she first attended showing the date of his/her birth or his/her exact age as recorded in the school admission register. An Anglo-Indian or an Indian Christian should send his/her original baptismal or birth registration certificate together with a copy thereof instead of the headmaster's certificate.

A candidate who has passed the Matriculation or equivalent examination as a private student must submit in addition to the Matriculation or equivalent certificate, a certificate from the Headmaster of the School which he/she first attended showing the date of his/her birth or his/her exact age as recorded in the school admission register. If no school was ever attended, a statement to that effect should be made. The

application of a private student who can produce no evidence in support of the age stated in Matriculation Certificate may be rejected.

Note.—Displaced persons, who have lost their original Matriculation Certificates in Pakistan, should obtain duplicate certificates from the East Punjab University. If they are unable to obtain the duplicate Matriculation Certificate from the University, they should submit an extract from the University Gazette in which their results were published showing their date of birth and certified by the Registrar or the Headmaster.

(*ii*) A certificate of character in original together with a copy thereof, from some person in authority (*e.g.*, Principal Procter, Dean, etc) at an education institution which the candidate is attending or has attended for at least one year during the three years immediately preceding the date of his/her application.

The signatory of the certificate should give his/her designation in full.

Note 1.—Candidates who have not attended any educacational institution for at least one academic year within three years of the submission of their applications may submit a certificate of character, *in original with a copy thereof*, from a Gazetted Officer in service.

Note 2 —Only one certificate of character is required.

(*iii*) *Certificate of Educational Qualifications.*—An original certificate of diploma (with a copy thereof) showing that the candidate has one of the qualifications prescribed in the Rules. The certificate submitted must be one issued by the Authority (*i.e.*, University or other examining body) awarding the particular qualifications.

Note.—Candidates who have appeared at an examination the passing of which would render them eligible to appear at the examination but have not been informed of the result, may apply for admission to the examination. Candidates who intend to appear at such a qualifying examination may also apply provided the qualifying examination is completed before the commencement of this examination. There applications are accepted provisionally and they are required to furnish

proof of having passed the examination as soon as possible and in any case not later than the date on which the candidate is summoned for *Viva Voce* test.

6. A candidate who claims to belong to one of the scheduled castes or tribal and aboriginal communities should submit in support of his/her claim a certificate, in original, from the District Officer of the district in which his/her parents (or surviving parent) ordinarily reside at the date, of his/her application, or if both his/her parents are dead, of the district in which he/she himself/herself ordinarily resides otherwise than for the purpose of his/her own education.

(*i*) A displaced person seeking remission of the prescribed application and examination fee should forward along with his/her application his/her refugee Registration Card, (in original) and a Certificate (also in original) from a District Officer, or a Gazetted Officer of Government, or a Member of Parliament or a State Legislature to show that he/she is not in a position to pay the prescribed fee.

7. The originals of the certificates forwarded in accordance with paragraph 5 are returned when the result of the application is communicated.

If the candidate has already submitted the required certificates in connection with another examination conducted by the Union Public Service Commission and if they have not yet been returned to him/her he/she should mention the fact when submitting this application, and if possible enclose a copy of each certificate. If the certificates are not with the Commission, they should be sent with the application irrespective of whether the candidate appeared at a previous examination conducted by the Commission or not. If any certificate cannot be submitted with the application, a reasonable explanation of its absence must be given.

Candidates are advised to keep attested copies of their certificates before submitting them to the Commission. The Commission cannot return the certificates earlier than the date of communication of the result of the application for whatever purposes they may be required, nor can they supply attested copies.

8. Only candidates who are likely to be considered for appointment are medically examined. Candidates are advised

to consult a Government Medical Officer of the standing of a Civil Surgeon as to their physical fitness before entering for the examination A copy of the Regulations for the physical examination of candidates for appointment to the service of the Government of India is given in the pages that follow. The regulations are published for the convenience of candidates and in order to enable them to ascertain the probability of their satisfying the required physical standard but they are not intended to restrict the discretion of the Medical Board in any way.

9 All communications in respect of an application should state the name of the examination and the cadidate's address as mentioned in the application form and should be addressed to "the Secretary, Union Public Service Commission, P. O. Box No. 186, New Delhi." Otherwise such communications are not attended to.

10. Candidates must make arrangements to see that communications addressed to them at the addresses stated in their applications are redirected, if necessary. Also any change of address should be communicated at once to Secretary, Union Public Service Commission. Although the Union Public Service Commission make every effort to take account of changes in candidates' addresses they cannot accept any responsibility in the matter.

11. The fact that an application form has been supplied, on whatever date are not accepted as an excuse for the late submission of an application or as evidence of the receiver's eligibility to compete.

12. Every candidate for admission to this examination is informed at the earliest possible date of the result of his application. It is not possible, however, to say when that result is communicated. If a candidate does not receive a communication regarding the result of his application one month before the commencement of the examination, he should at once write to the Commission. Failure to comply with this provision will deprive the candidate of any claim to consideration.

Regulations as to the Physical Examination of Candidates

(These regulations which apply to men as well as women candidates are published for their convenience and in order to

enable them to ascertain the probability of their coming up to the required physical standard. But it must be clearly understood that the Government of India reserve to themselves an absolute discretion to reject as unfit any candidate whom they may consider, on the report of the Medical Board to be physically disqualified for the Railway Services and that their discretion is in no respect limited by these regulations. Save as provided in Regulation 2 (b), these regulations are intended merely for the guidance of Medical Examiners and are not meant to restrict their discretion in any way. A lady doctor is co-opted as a Member of the Medical Board whenever a woman candidate is examined.)

1. To be passed as fit for appointment a candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the efficient performance of the duties of his appointment.

2. (*a*) In the matter of the correlation of age, height and chest-girth of candidates of Indian (including Anglo-Indian) race, it is left to the Medical Board to use whatever correlation figures are considered most suitable as a guide in the examination of the candidates.

(*b*) *For Railway Transportaion (Traffic) und Commercial Departments only.* For all candidates for appointment a minimum height of 5 ft. is required. For candidates not of European race a minimum chest measurement of 31 ins. (girth when fully expanded with a minimum expansion of 2 ins.) is required. These minima are absolute and no Medical Officer or Board has power to waive theme.

3. The candidate's height is measured as follows: He removes his shoes and is placed against the standard with his feet together and the weight thrown on the heels and not on the toes or outer sides of the feet. He stands erect without rigidity and with the heels, calves, buttock ahd shoulders touching the standard; the chin is pressed to bring the vertex of the head level under the horrizontal bar, and the height is recorded in inches and parts of an inch to quarters.

4. The candidate's chest is measured as follows:— He is made to stand erect with his feet together, and to raise his arms over his head. The tape is so adjusted round the chest that the upper edge touches the interior angles of the

shoulder blades behind and its lower edge the upper part of the nipples in front. The arms are then lowered to hang loosely by the side. and care is taken that the shoulders are not thrown upwards or backwards so as to displace the tape. The candidate is then directed to take a deep inspiration several times and the maximum expansion of the chest is carefully noted, and the minimum and maximum is then recorded in inches, 33-25, 34-36-1/2 etc. In recording the measurments, fractions of less than 1/2 inch is not noted.

5. The candidate is also weighed and his weight recorded in pounds. Fractions of a pound is not noted.

6. The candidate's eyesight is tested in accordance with the following rules. The result of each test is recorded :—

(*i*) *General.*—The candidate's eyes are submitted to a general examination directed to the detection of any disease or abnormality. The candidate is rejected if he suffers from any squaint or morbid conditions of eyes, eye lids or contiguous structures, of such a sort as to render, or to be likely at a future date to render him unfit for service.

(*ii*) *Visual Acuity.*—A.—The examination for determining the acuteness of vision includes two tests, one for distant, the for near vision. Each eye will be examined separately.

Railway T. (T) and C. D.

The candidate is examined, with the apparatus and according to the method prescribed, by the Railway Board's Standing Advisory Committee or Medical Officers to determine his acuity of vision.

Other Services

Snellen's test types will be used for the test for distant vision, without glasses at a distance of 20 feet, and for the test for near vision without glasses at any distance selected by the candidate.

N.B.—No candidate will be accepted whose Visual Acuity falls below the following standards :—

Railway Transportation (Traffic) and Commercial Departments and Indian Railway Accounts Service

	Service	Naked Eye	With or witout glasses	Near Vision
1.	Railway Transportation (Traffic) and Commercial Department.	6/24, 6/24 or 6/18, 6/36	6/9, 6/9 provided myopia does not exceed 3·5 D or manifest eye Hypermetropia +1·5 D.	0·6 each eye
2.	Indian Railway Account Service	6/60, 6/36	6/9, 6/12 provided myopia does not exceed-4-5 D or manifest Hypermetropia + 1·5 D.	0·6 each eye

Other Services

Distant Vision without Glasses.	Better eye	Worse eye
	*6/24	*6/24
Corrected with glasses.	6/6	6/12
Manifest Hypermetropia.	1·5	1·5
Near Vision with or without glasses	0·8	1

(*iii*) *Colour perception, Night blindness and field of vision Railway T. (T.) and C.D.*

The candidate will be examined with the apparatus and according to the methods prescribed by the Railway Board's Standing Advisory Committee of Medical Officers. Any defect of colour perception or in regard to field of vision will be a cause for rejection of the candidate. The candidate who under the condition of the ordinary test for Visual acuity has 6/6 vision with both eyes open, with or without glasses, will be rejected, if, under the conditions of the Night Blindness Test, his vision with both eyes open, with or without glasses falls below 6/24.

Other Services.

(*a*) Each eye will be examined separately and the lids must be kept wide open during the test.

*Temporarily lowered to 6·60.

(*b*) Inability to distinguish the principal colours will not be regarded as a cause for rejection but the fact will be noted in the proceedings and the candidates will be informed.

(*e*) Each eye must have a full field of vision as tested by hand movements.

(*iv*) The degree of acuteness of vision of all candidates for appointment will be entered in the proceedings in the following manner :—

V. R. ..... ; with glasses..... ; Reads..... ...

V. L..... ; with glasses..... ..... ; Reads... .....

(*v*) In cases of serious abnormality the opinion of an opthalmic specialist should be obtained.

Note.—No candidate will be accepted for appointment if his vision does not come up to the requirements specified above without the use of contact glasses. (A contact glass or lense is defined as a glass shell, the concavity of which is in contact with the globe of the eye, a layer of liquid being interposed between the lense and the cornea. The meaning of the word "glasses" wherever used above is to be interpreted and not covering contact glasses.)

7. The urine (passed in the presence of the examiner) should be examined and the result recorded.

The following additional points should be observed :—

(*a*) that the candidate's hearing in each ear is good and that there is no sign of disease of the ear ;

(*b*) that his speech is without impediment ;

(*c*) that his teeth are in good order and that he is provided with dentures where necessary for effective mastication (well filled teeth will be considered as sound) ;

(*d*) that his chest is well formed and his chest expansion sufficient ; and that his heart and lungs are sound ;

(*e*) that there is no evidence of any abdominal disease ;

(*f*) that he is not ruptured ;

(*g*) that he does not suffer from hydrocele, a severe degree of varicocele, varicose veins or piles ;

(*h*) that his limbs, hands and feet are well formed and developed and that there is free and perfect motion of all his joints ;

(*i*) that he does not suffer from any inveterate skin disease;

(*j*) that there is no congenital malformation or defect ;

(*k*) that he does not bear traces of acute or chronic disease pointing to an impaired constitution ;

(*l*) that he bears marks of efficient vaccination ; and

(*m*) that he is free from communicable disease.

When any defect is found it must be noted in the certificate and the medical examiner should state his opinion whether or not it is likely to interfere with the efficient performance of the duties which will be required of the candidate. If the condition is remediable by operation it should be so stated.

Note.—Candidates are warned that there is no right of appeal from a Medical Board, special or standing appointed to determine their fitness for the above Services. If, however, Government are satisfied on the evidence produced to them of the possibility of an error of judgment in the decision of the first Board, it is open to Government to allow an appeal to a second Board.

Medical Board's Report

The following intimation is made for the guidance of the Medical Examiner :—

No person is deemed qualified for admission to the Public Service who does not satisfy Government, or the appointing authority, as the case may be, that he has no disease constitutional affection, or bodily infirmity unfitting him, or likely to unfit him, for that service.

The Commission desire that it should be understood that the question of fitness involves the future as well as the present, and that one of the main objects of medical examination is to secure continuous effective service and in the case of candidates for permanent appointment to prevent early pension or payments in case of permature death. It is at the same time to be noted that the question is one of the *likelihood* of continuous effective service, and that rejection of a candidate need not be advised on account of the presense of a defect which in only a small proportion of cases is found to interfere with continuous effective service.

List of Suggestive Course of Study.

Essay—General English and English Literature.

The Stream of English Poetry. Book of Invention by T.C. Bridges. Fortitude by Huge Walpole's. One Act Plays 6th Series. Shakeapear's As you Like it. B. A. Poetry by C. Mahajan. Advance English Composition by Prof. Ramjilal. Rama College Composition by K. L Kapur. Malhotra Composition by P. N. Moulik. Doaba Composition by V. N. Sahai. Rama English Guide A. B. & C. by L. Kapur.

History.

British History by Ramsay Muir. Indian History by Gian Chand M. A. Razon Modern European History. Glimpses of World History by Jawaharlal Nehru. A Diagnosis of Our Times by Karl Manheim. History of Bolshevism by Arthur Rosenbwerg. A History of Nationalism in the East by Hans Koh. A Short History of Western Civilisation by A. F. Hattersley.

Economics.

General Economics by Behnam. Principal of Economics by Brij Narain. Introduction to Economic Theory by Sen and Dass. Tausing Principles of Economics I. and II. Essential of Economic Theory by Prof. P. C. Malhotra. Dewett Mode Economics Theory. Economics for General Readers by Henry Clay. Economic Doctrines of Karl Marx. Planned Economy by G. D. H. Cole. Development of Economic Doctrines by A. Gray.

Mathematics and Applied Mathematics.

Plane Trignometry II Part by Loney. Murrey Differential Equation Elements of Statics by Loney. Elements of Statics by S. N. Dass Gupta. Introduction to Statics by Som Datt. Elements of Dynamics by Loney. Elementary Dynamics by

Sita Ram. Higher Algebra Hall and Knight. Pure Mathematics by Hem Raj. Conic Section by S. Smith. Co-ordinate Geometry by Loney Part I. Differential Calculas by Shanti Narain. Differential Calculas by Edwards. Integral Calculas by Edwards. Integral Calculas by Bansilal.

Book-keeping & Accountancy and Auditing.

Complete Book-keeping by Fieldhouse. Advanced Accounts by Carter. Batliboi's Advanced Accounts. **Auditing :** Principles of Auditing by F.R. de'Paula. Lectures on Auditing by Batliboi.

Mercantile Law.

Mercantile Law by Sethna. Elements of Indian Mercantile Law by Davar. Negotiable Instruments Act by J.S. Khergamvala. Various Bare Acts. Steven's Elements of Mercantile Law. Scale of Goods Act by D. F. Mulla.

Statistics.

Statistics in Theory and Practice by Connor. Statistics for Professional Students by Holmes.

Geology.

Introduction to Geology by Branson & Tarr. Geology & Engineering by Leggit.

Law.

Law of the Constitution (England) by Dicey. Jurisprudence by Solmond. Law of Torts by Ratan Lal. Indian Law of Contract by Desai. Indian Evidence Act by Ratan Lal. Indian Penal Code by Ratan Lal. Elementry Principles of Jurisprudence by Keeton.

Philosophy.

Manual of Ethic by Machenzi. Psychology by Wood Worth. Ethic Made Easy. Psychology Made Easy.

Physics.

B. Sc. Physics Made Easy by R. N. Bali. Allen and Moore Practice Physics. Bali Senior Practical Physics. Text Book

of Sound by Khana and Bedi. Sound by Capstick. Sound by Catch Pool. Properties of Matter by R. N. Bali. Properties of matter by Barton. Text of Heat by Edser. Text of Heat by Harnam Singh. Text book of Heat by Barton. Light by Barton. Light by Edswer. Light by Middleton. Advance Electricity Hutchinson. Intermediate Electricity by Hutchinson.

Chemistry.

Mee : Physical Chemistry. Bahal and Tuli : Chemistry. Jogindar Singh Chemistry. Text Book of Inorganic Chemistry. Text Book of Inorganic Chemistry by Partington. Inorganic Chemistry by Jogindar Singh. Advance Inorganic Chemistry by G. D. Tuli. Mellor's Inorganic Chemistry. B. Sc Organic Chemistry by Jogindar Singh. Parkin and Kippling Organic Chemistry. Practical Chemistry by Jogindar Singh. Practical Chemistry by M. Singh. B. Sc. Inorganic Pass Book by G. D. Tuli. B. Sc. Organic Pass Book by G. D. Tuli. Inorganic Made Easy by Jogindar Singh. Organic Made Easy by Jogindar Singh.

Politics.

Elements of Political Science by Leacock. Principle of Political Science by Gilchrist. Five Constitution by V. Dhar Mahajan. Selection Constitution at Work by I. D. Sharma. Garner Political Science Govt. of Europe by Manro. Political Theory Joad. Political Science by Mojumdar. Constitution Made Easy by Dass and Chatterji ; Politics Made Easy by Dass and Chatterji. Introduction to Politics by H. J. Laski. Introduction te Modern Political Theory by C. E. M. Joad. A Guide to Moderen Politics by G. D. H. Cole. History of Political Thought by R. G. Gettel. Grammar of Politics by Laski.

Geography.

Physical Geography. Tarr and Vone Geography. Europe Preece and Wood.

Botany.

Text-book of Botany by Qoulter Threevol. Text Book Botany by Strass Bargar.

Zoology.

Text Book of Zoology Parke's and Haswell.

International Law

Public International Law by Fenwick. Law of Nations by Brierly. Cases on International Law by Pitt-Cobbett.

General Knowledge

Handbook of General Knowledge. Guide to F. P. S. C. Exams. (2 volumes). What is the Answer. Manual of General Knowledge & Office Compendium. Current Affairs by Bose. Precis Writing & Indexing. To Test Your Knowledge.

Extracts from Examiner's Reports

I.A.S. & OTHER ALLIED EXAMINATION 1947

The above Examination was held from 1st to 5th and from 7th to 12th July, 1947 in which 1992 candidates appeared from the different parts of India and the Indian States. Only 635 candidates qualified for interview and of these, the results of 56 candidates were sent to the Pakistan Government. Out of 579 candidates who were called for the *viva voce* examination, only 529 qualified for appointment.

Given below is a table showing total number of candidates appeared in each subject :

English Essay 1992 : General English 1992 ; General knowledge 1992 ; Pure Mathematics 75 ; Applied Mathematics 94 ; Chemistry 32 ; Physics 67 ; Botany 5 ; Zoology 3 ; Geology 1 ; English Literature 133 ; Indian History 447 ; British History 513 ; General Economics 209 ; Political Science 173 ; Law 101 ; Philosophy 14 ; Geography 47 : Latin 1 ; French nil ; Sanskrit 32 ; Arabic 6 ; Persian 33 ; Spanish nil ; Russian nil ; German nil ; Chinese nil ; Statistics 42 ; Accountancy and auditing 13 ; Mercantile Law 27 ; Applied Mechanics 3 ; Prime Movers 3.

For the guidance and information of the canditates to be, we give below extracts from the Examiners' reports on the work of these candidates.

Essay.—The number of really good essays, though disappointingly small, showed a good general information, a grasp of the subject and an ease of expression on the part of these candidates. The work of some of the candidates was extremely poor, both in expression and thought. Those whose work was average were in effect plodders and strugglers. Mistakes, spelling, incorrect punctuation and idiom were frequent. The general impression gained was that a large number of candidates did not possess trained minds. The general tendency was to produce a lengthy essay, reckless irrelevant matter being introduced to side-track the real issue.

General English.—With few exceptions the candidates' work was disappionting. A large majority seemed totally unprepared for the examination and were unable to express themselves in good English. The precis was done in a perfunctory manner, often falling short of the prescribed length and leaving out essential matter, while the poem was widely misunderstood and generally did not evoke intelligent critical response. Mistakes of spelling and idiom were frequent even in the better scripts. Average mark 33%.

General Knowledge.—The general standard was moderately good and showed that on the whole candidates had kept abreast of current events, but spelling mistakes were common and often showed an utter lack of familiarity with the English language. Average mark 42%.

Pure Mathematics.—Of the 252 candidates who offered this subject, only 26 secured 60% or over, while more than half failed to secure more than 30%. Plainly a substantial majority of candidates should not have offered this subject. However, in every set of 25 scrips examined, at least one, and often two or more, obtained 60% or over, and 7 candidates secured not less than 75%. Average mark 31%.

Applied Mathematics.—299 scripts were examined. About 50 candidates obtained more than 50%. Most of those securing more than 65% produced a good general impression by their neatness and expression. Average mark 33%.

Chemistry.—The average answers were of poor quality, but a few were very good. Questions on inorganic chemistry proper were badly done. The numerical question was handled well but only in parts ; very few candidates did the whole question satisfactorily. Average mark 32%.

Physics.—The total number of candidates examined was 150. The results were disappointing, and at least half the total number of candidates who entered for this subject were unprepared and should not have offered it. Average mark 32%.

Botany.—Of the 17 scripts examined, four were outstanding while two were of average quality and the others below standard. Only the first four candidates had a grasp of the subject. Average mark 35%.

Zoology.—With the exception of two candidates, the general standard of answers was bad, indicating very superficial knowledge. In most cases the answers were verbose and irrelevant. There were number of mistakes in spelling and composition. The knowledge of English of candidates was very poor. Average mark 20%.

Geology.—The quality of answers was very poor and well below standard. In most cases answers were carelessly written, poorly expressed and badly thought out. Average mark 16%.

English Literature.—Out of 251 candidates 49 obtained only 33% or less, two being awarded zero. Since, however, nearly 100 candidates obtained 50% or more, there was not much ground for complaint, the average award being in the neighbourhood of 45%. Section B was better answered than Section A. Knowledge of the history of the English Literature left room for improvement and many did not understand the significance of mediævalism or victorianism. Average mark 43%.

Indian History.—Among the good candidates the level of answers was fairly high, but at least 20% knew nothing whatever about the subject. Candidates, as a whole, were very weak in mediæval history and their map work was poor, showing great lack of knowledge of Geography. Average mark 50%.

British History.—The average performance of the candidates was extremely disappointing, the proportion securing low marks being unduly high. In many cases the questions did not appear to have been properly understood. On the other hand the work of the top-ranking candidates was definitely good. Average mark 36%.

General Economics.—There were very few answers of outstanding merit, but about 15 candidates gave consistently good answers to all the questions attempted, while the performance

of the other candidates was moderately good on the whole. Candidates appeared to have relied to a very great extent on some popular text books, with the result that the majority of answers were similar not only in treatment of the subject, but also in the examples cited. The expression of thought was on the whole satisfactory. Average mark 41%.

Political Science.—The standard of answers was moderately good, but there was a common tendency to irrelevancy and many candidates seem to possess only a very elementary knowledge of the subject. Average mark 38%.

Law.—Only about 10% of the candidates examined produced good answers. The rest might have been expected to show a better knowledge of the subject. Definitions were vague and the answers were not properly reasoned out. Only about five candidates gave evidence of a legal mind. The jurisprudence answers were generally disappointing. Average mark 35%.

Philosophy.—The work of the candidates was, on the whole, disappointing, most of the answers being of a routine and text-book character. Only 2 or 3 candidates were really up to the standard. Average mark 42%.

Advance Accountancy & Auditing.—Taking into account that the candidates had not appeared for a specialised examination in Accountancy, their results were satisfactory. 16 candidates obtained below 30%, 34 between 30 and 45%, 7 between 45 and 50% and 14 over 50%. An appreciable feature of the answers was that the majority presented the accounts in proper form. Average mark 42%.

Mercantile Law.—About 60 candidates had only a very meagre understanding of the subject, showing lack of knowledge rather than lack of the faculty of expression. A few candidates answered as if they were editing a Law report, citing endless cases, most of them obscure. On the whole, the general standard of candidates was moderate. Average mark 29%.

Applied Mechanics.—The results, on the whole, were disappointing. Of the 21 who offered the subject, only 12 possessed a satisfactory knowledge of it. Average mark 39%.

Prime Movers.—The performance of the candidates was very poor. They did not appear to grasp the fundamentals of the subject. Average mark 33%.

JOINT SERVICES WING EXAMINATION

INTRODUCTION

With the emergence of Free India, the need of having a full-fledged Academy where Indian youths may get efficient training in Army, Navy and Air Forces began to be felt more and more, and the Government of India did not lose time in this respect and came forward with an ideal plan for the establishment of a National Defence Academy at Kharakvasla, about I0 miles from Poona. The foundation laying ceremony of the Academy was performed by our Hon'ble Prime Minister, Pandit Jawaharlal Nehru on the eve of his departure to the U.S.A. on the 6th October, 1949 As the construction of buildings etc. for housing the Academy would take some time, the Government of India has for the time being converted the Indian Military Academy at Dehra Dun into the National Defence Academy.

The Academy comprises of two Wings, the Joint Services Wing and the Military Wing. A qualifying examination for the entry in the Joint Services Wing is held by the Union Public Service Commission—twice a year—one in the month of January for July session and the other in July or August for January session. The qualified candidates are required to appear before a Services Selection Board for final selection, and the entry of successful candidates in the Joint Services Wing is confirmed after the report of the Board of Services Doctors on their Medication Examination.

The candidates are imparted common preliminary training of Navy, Army and Air Force for two years, at the Academy. Two-thirdsof the training is of an academic nature covering the Intermediate examination of an Indian University and one-third is service training which includes physical training, weapon

training, elementary field craft, organisation and administration of the three services, internal combustion engines, driving and maintenance theory, map reading and navigation, equation, radio telephony and man-managements, etc., etc.

Thereafter, the three kinds of cadets undergo advanced training in the particular branch of the Defence Services to which they have been allotted. The Army cadets receive this advanced training in the Military Wing while Navy and Air Force cadets proceed to the respective establishments for advanced training.

JOINT SERVICES WING EXAMINATION

RULES

1. The Union Public Service Commission hold a qualifying examination for admission to the Joint Services Wing of the National Defence Academy for the two courses commencing in January and July 6 months before the commencement of each session at Allahabad, Bombay, Calcutta, Delhi, Madras, Nagpur and at such place or places as may be notified by the Commission. The intention of holding an examination appears in the press as well as Govt. of India Gazette, two-three months in advance of the examination date.

2. A candidate who desires to appear at the examination is required to submit his application in the prescribed form together with all the necessary documents in accordance with the "Instructions to candidates regarding the filling up and submission of applications" so as to reach the Union Public Service Commission, P.B. No. 186, Parliament House, New Delhi, before the prescribed date. No application received after the prescribed date is entertained. Copies of the application form and other connected papers may be obtained from the Secretary, Union Public Service Commission, P. B. No. 186, Parliament House, New Delhi, or from any of the authorities noted below :—

(*i*) Headquarters, Delhi Area, Delhi Cantt.

(*ii*) Headquarters, Sub Area, Allahabad, Ambala, Bangalore, Dinapore, Bombay, Calcutta, Jullundur, Lucknow, Madras, Meerut and Poona.

(*iii*) Headquarters, Jammu and Kashmir, Indep. L of C Sub Area, c/o New Delhi, A.P.O.

(*iv*) Headquarters, Indep. Sub-Area, Jubbulpore, Secunderabad.

(*v*) Air Force Recruiting Officer, Ambala Cantt., Delhi, Kanpur, Calcutta, Poona, Bangalore, Madras.

(*vi*) Recruiting Officer, Jullundur, Ambala, Ajmer, Lucknow, Calcutta, Poona, Bangalore, Patna, Nagpur, Kungraghat.

(*vii*) Headquarters, 21 Area c/o New Delhi, A.P.O.

(*viii*) Headquarters, 181 Indep Bde. Group, Shillong.

(*ix*) Commodore-in-charge, Navy Office, Vithal House, Mint Road, Bombay.

(*x*) Commodore-in-Charge, Cochin.

(*xi*) Naval Officer-in-Charge, Vizagapatam.

(*xii*) Resident Naval Officer, Calcutta.

(*xiii*) Resident Naval Officer, Calcutta.

(*xiv*) P.O. 3, Air HQ, New Delhi.

Air Force Recruiting Adjutants :—

(*a*) No. 1., Air Force Academy, Ambala.

(*b*) IAF Station, New Delhi.

(*c*) No. 1., Base Repair Depot, IAF, Kanpur.

(*d*) No. 2 Equipment Depot, Bombay.

(*e*) Headquarters Training Command (Unit), Bangalore.

(*f*) No. 2 Group Training School, IAF, Tambaram.

(*g*) No. 4 Air Force Recruiting Adjutant, 1 Gokhale Road, Calcutta 20.

The fact that an application form has been supplied on whatever date is not accepted as an excuse for the late submission of an application. Candidates who delay their requests for forms until a late date do so at their own risk.

Note :— If any candidate who has applied for admission to a previous examination for entry to the Joint Services Wing of the National Defence Academy, wishes to appear at a subsequent

examination also, he must submit his application by the prescribed date of the subsequent examination without waiting for the result of the previous examination. If he is finally selected, his candidature for the subsequent examination is cancelled by the Commission.

4. The age limits are 15 and 17 years on the first day of the month in which a course is due to commence. Preference is given to candidates aged 15 years, or as near that age as possible, for the Indian Navy.

5. Candidates must pay the following fee :— Rs. 37/8 (Rs. 9/6/- in the case of candidates belonging to the Scheduleid Castes or Scheduled Tribes with the application.

Note 1 :— Only a Treasury Receipt or crossed Indian Postal Orders for this amount is accepted. The Commission do not accept the fee in cash or by cheque.

Note 2 :— No claim for a refund of this fee is ordinarily entertained, nor is it held in reserve for any other examination or selection. A refund of Rs. 30/- (Rs. 7/8/- in case of candidates belonging to the Scheduled Castes or Scheduled Tribes is, however, made to candidates who are not admitted to the examination by the Commission.

A refund of Rs. 30/- (Rs. 7/8/- in the case of candidates belonging to the Scheduled Castes or Scheduled Tribes is also made to those candidates who secure 30 percent or more marks in the aggregate.

Note 3 :— The Commission may at their discretion remit the prescribed fee where they are satisfied that the applicant is a *bona fide* refugee and is not in a position to pay the fee.

Note 4 :— Boys of King George Royal Indian Military Colleges, whose applications are forwarded to by the Principals with the recommendation that the applicants may be expected to secure at least 30 per cent. of the aggregate marks are not required to pay any fee.

6. Candidates accepted for admission to the examination are informed of the date, time and place of the examination in due course.

7. The total intake for each course is approximately 237 cadets, consisting of 25 for the Navy, 162 for the Army, 25 for the Air Force and 25 for the State Forces.

Candidates should indicate in the application form their order of preference if they wish to compete for more than one branch of service. Due consideration is given to the preferences expressed by a candidate at the time of his application, but the Government of India reserve power to assign him to any branch of service taking into consideration the vacancies available in each branch and the aptitude of the cadet displayed whilst under training.

8. A candidate must be an unmarried male and must either be :—

(*a*) a citizen of India or

(*b*) a Gurkha subject of Nepal or

(*c*) a person who has migrated from Pakistan with the intention of permanently settling down in India or

(*d*) a subject of Sikkim or of a Portuguese or French possession in India,

and if he comes under category (*c*) or (*d*), must be a person in whose favour a certificate of eligibility has been given by the Govt. of India. A candidate in whose case such a certificate is necessary may be admitted to the examination on his furnishing proof that he has applied for the certificate and he may also be provisionally admitted to the Academy subject to the necessary certificate being eventually gfven to him by the Government.

Note : Persons who migrated to India from Pakistan before 19th July 1948 and have been ordinarily resident in India since then are eligible for appointment to Services and posts under the Govt. of India without certificates of eligibility *qua* citizens of India. Persons who so migrated on or after the 19th July 1948 must secure certificate of eligibility for appointment to Union Services, unless they had migrated before 30th September 1948 and had got themselves registered as citizens within the time allowed or had entered the Union Services without certificates of eligibility under the old instructions in which case certificate of eligibility will not be necessary.

9. Candidates should be medically fit in all respects. A number of qualified candidates are rejected subsequently on medical grounds. Candidates are, therefore, advised in their own interest to get themselves medically examined before submitting their applications, to avoid rejection at the final stage. The development of the candidate should be such that by the time he attains the age of 17, he will reach the standards of medical fitness shown in Appendix I.

Sufficient number of suitable candidates recommended by Service Selection Board is medically examined by a Board of Service Doctors. No candidate not passed as fit by the Medical Board is not admitted to the Academy. The mere fact that the medical examination has been carried out by a Board of Service Doctors does not mean or imply that the candidate has been finally selected.

10. Candidates must undertake not to marry, until they complete their full training at the Joint Services Wing and later on at the parent Service Establishment. A candidate who marries subsequent to the date of his application, though successful at the examination is not selected for training and a candidate who marries while under training is discharged and is liable to refund all expenditure incurred on him by the Government. Commissioned Officers are not eligible for married accommodation.

(*a*) Indian Navy :—Until they are promoted to the rank of Lieut.

(*b*) Army :—Until they attain the age of 25 years.

(*c*) I. A. F. :—Until they complete 3 years minimum services or until they attain the age of 25 years, whichever is earlier.

11. Candidates must have passed one of the following examinations/possess one of the following certificates. Attention is however invited to notes (*i*), (*ii*) and (*iii*) below :—

(*a*) the Matriculation Examination of a recognised Indian University ; or,

(*b*) an examination accepted by any such University as equivalent to a Matriculation Examination for the purpose of admission to a University course ; or,

(*c*) an examination held by a State Education Board at the end of the Secondary School Course for the award of a School Leaving, Secondary School, High School or any other certificate which is accepted by the Government of that state as equivalent to Matriculation Certificate for entry into its services ;

(*d*) the Cambridge School Examination ; or,

(*e*) any other examination which may be recognised by the Union Public Service Commission as equivalent to the above ;

(*f*) the Indian Army Special Certificate of Education ;

(*g*) the certificate issued by the Inter-Provincial Board for Anglo-Indian and European Education to 9th standard students who joined the forces during the World War II ;

(*h*) the Higher Educational Test of the Indian Navy ;

(*i*) the Higher Secondary Technical Examination Certificate of the Delhi Polytechnic ;

(*j*) The 10th class certificate from a Higher Secondary School in Delhi/Simla ;

(*k*) Junior Examination of the Jamia Millia Islamia, Delhi, in the case of *bona fide* resident students of the Jamia only ;

(*l*) Bombay School Leaving Examination (without any condition) ;

(*m*) Bengal (Science) School Certificate ;

(*n*) the Indian Air Force Educational Test for reclassification to leading Aircraftsman ;

(*o*) the Anglo-Vernacular School Leaving Certificate (Burma) with eligibility for University course ;

(*p*) the Burma High School Final Examination Certificate with eligibity for University course ;

(*q*) European High School examination held by the Provincial Governments ;

(*r*) Bombay Secondary School Certificate Examination with eligibility for University course ;

(*s*) Ceylon Senior School Certificate examination ;

(*t*) School Leaving Certificate examination of the Government of Nepal;

(*u*) High School Examination certificate of the University of Rajputana ;

(*v*) I. M. N. T. S. "Dufferein" Final passing out certificate ;

(*w*) Post War School Leaving Certificate of Burma ; and

(*x*) Certificate granted by the East Bengal Secondary Education Board, Dacca.

Note (*i*). In the case of candidates from the PWRIM College which prepares candidates for an examination other than the Matriculation, a certificate from the Principal to the effect that they have reached a "Matriculation Pass" standard of education is accepted.

Note (*ii*). Candidates who have appeared or intend to appear at any of the above examinations may also apply for admission to the Joint Services Wing Examination. The applications of such candidates are accepted provisionally and the successful ones at the examination are required to furnish proof of their having passed that examination as soon as possible and in any case before they join the National Defence Academy.

12. A candidate must satisfy the Union Public Service Commission and the appointing authority that he is suitable in all respects for admission to the Academy.

13. The decision of the Union Public Service Commission as to the eligibility or otherwise of a candidate is final.

14. No candidate is admitted to the examination unless he holds a certificate of admission from the Union Public Service Commission.

15. Any attempt on the part of a candidate or his relatives/friends to enlist support for his application may disqualify him for admission.

16. The maximum number of candidates to be admitted to the examination may in the discretion of the Govt. of India be limited to such number as the Government of India may decide. If a limit is imposed and the number of candidates exceeds that limit, the Union Public Service Commission shall select from among the applicants those who shall be admitted to the examination and shall have regard in so doing to the suitability of the applicants for admission to the Academy.

17. The examination includes the following subjects and the maximum number of marks obtainable for each subject is as follows :—

	Maximum Marks
1. English.	300
2. General Knowledge. and current Affairs.	300
3. Mathematics I	150
4. Mathematics II	150

In order to qualify in the written examination, candidates must obtain 40 per cent. of the aggregate marks with 33·1/3 per cent in each subject.

The Union Public Service Commission may, after considering the results of the written examination lower the percentages of qualifying marks if they consider it necessary to do so.

18. From the marks assigned to candidates in each subject such deduction is made as the Union Public Service Commission may consider necessary in order to secure that no credit is allowed for merely superficial knowledge.

19. Deductions for handwriting which is difficult to read are made upto 20 per cent. of the maximum marks for the written subjects. In English, and every other subject, deductions for bad English spelling are made upto 10 per cent. of the maximum marks.

20. The Union Public Service Commission prepare a list of candidates in order of their merits as disclosed by the aggregate marks awarded to each candidate at the written examination. The candidates who obtain qualifying marks at the written examination have to appear before a Services Selection

Board. Candidates to be finally selected should receive the minimum qualifying marks both at the written examination and the Services Selection Board Interview. Subject to this condition, they are then placed in the order of merit on the basis of total marks secured. The final selection for admission to the Academy is made in the order of merit depending on the number of vacancies for each course.

Candidates have to appear before the Services Selection Boards, and undergo the tests there at their own risk and are not entitled to claim any compensation or other relief from Government in respect of any injury which they may sustain in the course of or as a result of any of the tests given to them at a Services Selection Board, whether due to the negligence of any person or otherwise. Parents or guardians of the candidates are required to sign a certificate to this effect in the form given in the end hereof. Candidates when called up for interview by a Services Selection Board or for subsequent training are eligible for T.A. and D.A. in accordance with the rules then in force. Candidates who have previously been before a Service Selection Board for the same type of Commission are not entitled to T.A. and D.A. on subsequent occasions.

21. Candidates finally selected have to undergo a two years' course at the Joint Services Wing of the National Defence Academy. The successful candidates after the first two years' training have to undergo further specialised training in the branch of service for which they may be selected. The cadets for the Army receive their advanced training at the Military Wing of the Academy itself, while those for the Indian Navy proceed to Naval Training Ships/Establishments and those for the Air Forces are sent to the Air Force Academy. While at the National Defence Academy, cadets are subject to the discipline of the service for which they are selected.

22. Before a candidate joins the Academy, the parent or guardian is required to sign :—

(*a*) A certificate to the effect that he fully understands that he or his son/ward shall not be entitled to claim any compensation or other relief from the Government in respect of any injury which his son/

ward may sustain in the course of or as a result of the training to be undergone by him at the Academy whether due to the negligence of any person or otherwise.

(*b*) a bond to the effect that if for any reasons considered within the control of the candidate, he wishes to withdraw before the completion of the course, or fails to except a commission if offered, he will be liable to refund the whole or such portion of the cost of tution, food, clothing and pay and allowances, received, as may be decided upon by Government.

(*c*) *a declaration by parents or guardians of candidates selected for the Indian Navy only, that they are in a position and will be prepared to discharge the financial obligations attaching to the candidates' further training if this is done in the U. K. on completion of the preliminary training at the Joint Services Wing of the National Defence Academy.

**Note.* Arrangements for further Naval training in India itself are afoot and pending the completion of the same Indian Navy cadets may be sent to the U. K. for further training. Whilst under training in the U. K. parents/guardians are required to meet the private and vacation expenses, ranging from £125 to £140 approximately, of the cadets. The sum is required to be made available in two or three instalments as directed only after the departure of the cadets to the U. K.

23. During the period of training at the Joint Services, Wing, the cost of training, including accommodation, books, uniforms, boarding and medical treatment, is borne by the Government. The parents or guardians of the cadets are however, required to meet their pocket and other private expenses. These expenses are not likely to exceed Rs. 30/- per month. Where cadet's parents or guardians are unable however, to meet wholly or partly even this expenditure financial assistance upto Rs. 30/- per month may be granted by Government. No candidate whose parent or guardian has an income of Rs. 300/- per month or above is eligible for the grant of the financial assistance.

A candidate desirous of securing financial assistance should, immediately after his final selection, submit an application through the Dist. Magistrate of his district, who will, with his recommendation. forward the application to the Ministry of Defence, Government of India.

Instructions to candidates regarding the filling up and submission of applications for the examination for entry into the Joint Services Wing of the National Defence Academy, at Dehra Dun.

1. The candidate must consult the foregoing rules and go through the Notice and Notification issued by the Union Public Service Commission and the Ministry of Defence in the Gazette of India respectively, before the holding of the examinations, to see if they are eligible for the examination before filling up the application form or paying the prescribed fee. The fact that an application form and other papers relating to the examination have been supplied to a candidate is no evidence of his eligibility for admission to the examination.

2. The application form must be filled up in the candidate's own handwriting. All columns must be completed and all answers must be given in words and not by dashes or dots. The application should be submitted direct to the Secretary, Union Public Service Commission, Parliament House, P.B. No. 186, New Delhi. A service candidate must submit his application through his Commanding Officer, who will if he considers the candidate eligible, forward it to the Union Public Service Commission, with his recommendation. Applications of eligible candidates are not withheld even if the candidates are not recommended. Indian Navy boys and artificer apprentices under training will apply for entry into the Indian Navy only.

Candidates from the Prince of Wale's Royal Indian Military College, Dehra Dun, and K.G.R.I.M. colleges should submit their applications through the Principal of the college.

3. Application should be sent by registered post when they cannot be presented in person. If a candidate fails to register his application, he does so at his own risk. If he desires an acknowledgment, he should send his application 'Registered Acknowledgment Due'.

4. If before or after the examination it is found that a candidate has knowingly furnished any particulars which are false, or has suppressed material information, he is disqualified, and, if already admitted to the Academy, removed.

5. The candidate must send the following documents with his application :—

(*i*) A treasury receipt or crossed Indian Postal Orders, payable to the Secretary, Union Public Service Commission for Rs. 37/8/- (Rs. 9/6/- in the case of candidates belonging to the Scheduled Castes or Scheduled Tribes). Fees in cash or by cheque are not accepted.

(*ii*) A certificate of age.

(*iii*) A certificate of educational qualification in original.

(*iv*) Declaration mentioned in Para 20 of the Rules hereof.

Details of the required documents are given below :—

Candidates are warned that if the application is incompletely or wrongly filled up or is not accompanied by the documents mentioned in items (*ii*) to (*iv*) above or by a reasonable explanation for the absence of such documents it will be summarily rejected and that no appeal against its rejection is entertained.

Candidates must submit the documents which they have not sent with their applications, and for the absence of which they have given explanation in their applications, soon after the submission of the applications. In any case they must be sent so as to reach the Commission's office one month before the date of commencement of the examination ; otherwise their candidature for the examination is rejected.

Candidates are also warned that they should in no case tamper with the entries in the documents submitted by them. Candidates found guilty of tampering are liable to be prosecuted in addition to being permanently debarred from Commission's examinations and selections and for employment under Government.

(*i*) A treasury receipt or crossed Indian Postal Orders for Rs. 37/8/- (Rs. 9/6/- in the case of cendidates belonging to the scheduled castes or scheduled tribes). The amount may be deposited in the nearest Govenment Treasury, or in a branch of the Imperial Bank of India or in a State Treasury authorised to transact business on behalf of the Government (Amount deposited at Bombay; Calcutta, Delhi or Madras should be deposited in the Reserve Bank of India instead of in the Imperial Bank of India). The Treasury or Bank should be asked to credit it to Government under the account head "XXXVI—Miscellaneous Departments—Examination fees— Receipts of the Union Public Service Commission."

Candidates must see that they are eligible and must decide definitely to enter for the examination before depositing the fee in the treasury (or Bank). The fee is not returned in any circumstances whatever nor is it held in reserve for any other examination or selection once an application has been considered by the Commission.

A refund of Rs. 30/- (Rs. 7/8/- in the case of candidates belonging to the Scheduled Castes or Scheduled Tribes) is however allowed to a candidate if he is not admitted to the examination by the Commission or having been admitted secures 30 per cent or more of the aggregate marks at the examination. The name of the examination and of treasury at which the fee is deposited should be clearly entered in the treasury receipt. The treasury receipt should be on the form pertaining to Central Government transactions and should be obtained from the treasury at which the fee is deposited.

Note 1 : Candidates, who are at the United Kingdom Australia, Pakistan, Burma, Ceylon or Malaya at the time of submitting their applications should deposit the amount of their prescribed fee (the equivalent fee of Rs. 37/8 (Rs. 9/6 in the case of candidates belonging to the Scheduled Castes or Scheduled Tribes) in the office of the High Commissioner for India in the United Kingdom, Australia, Pakistan, or in the office of the Govt. of India's representative in Ceylon or Burma, as the case may be and forward the receipt from that office.

Nate 2. Cash or cheques are not accepted by the Union Public Service Commission. All postal orders should be crossed and made payable to the Secretary, Union Public Service Commission at New Delhi Post Office and in no case postal orders payable at any other post office are accepted.

Note 3. An application not accompanied by a Treasury Receipt or crossed Indian Postal Orders for Rs. 37/8/- (Rs. 9/8/- in the case of candidates belonging to the scheduled castes or scheduled tribes) is summarily rejected and no explanation for inability to send the Treasury Receipt or crossed Indian Postal Orders with the application is considered. This does not apply to refugee candidates seeking remission of the fee (*vide* para. 12 below) and to the boys of the K. G. R. I. M. Colleges.

(*ii*) *Certificate of age* :

(*a*) The only proof of age ordinarily accepted by the Commission is the age or date of birth entered in the Matriculation Certificate or one of the orther certificates listed in paragraph 11——of the Rules. This certificate must be sent with the application in original. If a Matriculation or equivalent certificate does not give the exact date of birth the candidate must send in addition to the Matriculation or equivalent certificate, a certificate in original from the Headmaster of the High School which he first attended showing the date of his birth or his exact age as recorded at the time of his admission to the school. An Anglo-Indian or an Indian Christian may send his original Baptismal or Birth Registration Certificate instead of the Headmaster's certificate.

A candidate who has passed the Matriculation or equivalent examination as a private student must submit in addition to the Matriculation or equivalent certificate, a certificate from the Headmaster of the school which he first attended showing the date of his birth or his exact age as recorded in the school admission register. If no school was ever attended a certified extract from the Municipal Birth

Register relating to himself or some other convincing proof in support of the age stated in the Matriculation certificate should be submitted. The application of a private student who can produce no satisfactory evidence in support of the age stated in his Matriculation certificate has not been issued to a candidate, he should submit along with his application an age certificate from the Headmaster of the school from where he appeared in the Matriculation examination. Such a candidate is required to submit his original Matriculation Certificate before he is admitted to the National Defence Academy. He is disqualified if later on it is found that the date of birth claimed by him in the application differs from that entered in his Matriculation Certificate unless the discrepancy is explained to the satisfaction of the Union Public Service Commission.

Note 1. A transfer certificate from a school or college is not accepted as evidence of age.

Note 2. The age and nationality certificate, issued by some provincial authorities is not required.

Note 3. Refugee candidates, who have lost their original Matriculation Certificates in Pakistan, should obtain duplicate certificate from University concerned.

If they are unable to obtain the duplicate Matriculation certificate from the University, they should submit an extract from the University Gazette in which their results were published showing their date of birth and certified by the Registrar or the Headmaster.

Note 4. Ordinarily, Commission do not accept a date of birth other than and proved or supported by the Matriculation Certificate. If they do so they require an only convincing proof of the date claimed but also a satisfactory explanation of the incorrect entry in the Matriculation Certificate. When once a date of birth has been claimed and accepted by the Commission for the purpose of admission to the examination, no change is allowed at a subsequent examination. Candidate who wish to challenge the entry of their age in a Matriculation Certificate must do so at the first opportunity. In such cases,

a candidate must send direct to the Union Public Service Commission all the evidence on which he bases his claim as soon as he has submitted his application.

(*b*) Candidates from the Prince of Wales Royal Indian Military College, Dehra Dun, or K. G. R. I. M. Colleges must submit a certificate of age from the Principal of the College and no other certificate as evidence of age is required.

(*iii*) *Certificate of educational qualifications* : A certificate or diploma in original showing that the candidate has one of the qualifications prescribed for the examination. The certificate submitted must be one issued by the authority (*i.e.*, University or other examining body) awarding the particular qualifications. If such a candidate or diploma is not submitted the certificate must explain its absence, and submit such other evidence (in original) as he can to support his claim to the requisite qualifications. The Commission consider this evidence on its merits, but do not bind themselves to accept it as sufficient.

Note 1. Candidates who have appeared or intend to appear at any of the examinations mentioned in paragraph—11 of the Rules may also apply for admission to the examination. The applications of such candidates are accepted provisionally and the successful ones at the examination are required to furnish proof of their having passed that examination as soon as possible and in any case before they go in the National Defence Academy.

Note 2. Candidates from the P. W. R. I. M. College should submit a certificate from the Principal to the effect that they have reached a Matriculation Pass standard of education.

Note 3. In exceptional cases a candidate who has been prevented from obtaining a Matriculation Certificate or its equivalent for reasons beyond his control may at the discretion of the Union Public Service Commission be admitted to the examination provided he produces a certificate from a Gazetted Officer or the Central or the Provincial Government or a Principal or Headmaster specifying the institution where he

studied up to the Matric class, the University or Board which was holding the Matriculation examination whether admission certificate was issued to him and the reasons which prevented him from taking the examination.

6. Candidates may be required at the interview by the Services Selection Board to produce in original the document or documents, if any, containing particulars of the services rendered by the father or any of the relatives of the candidates in a Military capacity.

7. Copies of the certificates mentioned in Paragraph (5) (*ii*) and (*iii*) above should also be submitted along with the original. If the candidate has already submitted any of these certificates in connection with any other examination conducted by the Union Public Service Commission and if it has not yet been returned to him, he should mention the fact when submitting his application, and if possible, enclose a copy of the certificate. If the certificate is not with the Commission, it should be sent with the application whether the candidate appeared at a previous examination conducted by the Commission or not. If any certificate cannot be submitted with the application, reasonable explanation of its absence must be given.

Candidates are advised to keep attested copies of their original certificates with them before submitting them to the Union Public Service Commission, as the Commission do not undertake to return the original certificates until orders are passed on their applications, nor do they undertake to supply attested copies to candidates.

Note. Certificates other than those mentioned in paragraph (5) (*ii*) and (*iii*) above are not returned.

8. All commnnication in respect of an application should be addressed to the Secretary, Union Public Service Commission, Parliament House, Post Box No. 186, New Delhi, and should contain the following particulars :—

(*a*) Name of Examination, (*b*) Month and year of Examination, (*c*) Roll No. if communicated to the candidate, (*d*) Name of Candidate ; and (*e*) Address as given in application.

Communications which do not contain these particulars may not be attended to.

9. The fact that an application form has been supplied on a particular date is not accepted as an excuse for the late submission of application or as evidence of the receiver's eligibility to compete.

10. Every candidate for admission to the examination is informed at the earliest possible date of the result of his application.

All returnable certificates or papers are returned when the result of his application is communicated to the candidate.

11. Candidates must make arrangements to see that communications addressed to them to the address stated in their applications are redirected, if necessary. Also any change of address should be communicated at once to the Secretary of the Union Public Service Commission. If a change of address has taken place after the examination, it should also be notified to Army Headquarters (India) A. G's Branch, SP2, Defence Headquarters, P. O. New Delhi. Although the authorities make every effort to take account of changes in candidates' addresses, they do not accept any responsibility in the matter.

12. A refugee seeking remission of the prescribed fee should forward along with the application his Refugee Registration Card (in original) and a certificate (also in original) from a District Officer of Government or a Member of the Parliament or a State Legislature to show that he is not in a position to pay the prescribed fee.

13. (*i*) A person who has migrated to India from Pakistan and in whose case a certificate of eligibility is required in terms of the Note under Rule 8 or who is a subject of Sikkim or of a Portuguese or French possession in India should produce proof of his having applied to the Government of India, Ministry of Defence, for issue of the required certificate of eligibility in his favour.

(*ii*) If a certificate of eligibility is not necessary in the case of a person who has migrated from Pakistan, *vtde* Note under Rule 8 he should produce an affidavit sworn before a First Class Magistrate in one of the following forms, whichever may be applicable to him :—

1. "I declare that I migrated to India from Pakistan before the 19th July 1948 and have ordinarily been resident in India in the State of————————since then."

2. "I declare that I migrated to India from Pakistan after 18th July 1948 but before the 30th September 1948 and have ordinarily been resident in India in the State of————————since then.

I further declare that I had **got myself* registered as a citizen of India before the 26th January 1950, or *entered the Union Services without a certificate of eligibility under the old instructions before the 26th January 1950." (*Delete the portion not applicable.)

FORM OF CERTIFICATE TO BE SIGNED BY THE PARENT/GUARDIAN OF A CANDIDATE, *VIDE* PARA 20 OF THE ROLES

I (name).....father/guardian of (name).....who is a candidate for a Regular Commission in the Indian Land Forces/Indian Navy, Indian Air Force, hereby certify that I fully understand that my son/ward will, if required, attend a Services Selection Board with my full and free consent and at my own risk and that I or my son/ward shall not be entitled to claim any compensation or other relief from the Government in respect of any injury which my son/ward may sustain in the course of or as a result of any of the tests given to him at the said Services Selection Board ; whether due to the negligence of any person or otherwise.

Signature of father/guardian.

Place.....

Date.....

SYLLABUS FOR ENTRANCE EXAMINATION TO THE JOINT SERVICES WING OF THE NATIONAL DEFENCE ACADEMY

All papers must be answered in English unless otherwise expressly stated.

Papers are set on the following subjects :—

Paper 1.	English	2½ hrs. 300 marks.
Paper 2.	General Knowledge and current affairs.	2½ hrs. 300 marks.
Paper 3.	Mathematics I	2 hrs. 150 marks.
Paper 4.	Mathematics II	2 hrs. 150 marks.

The standard for these papers is approximately the same as that of the Matriculation Examination.

ENGLISH—

Questions may be asked on any of the following :—

(*a*) An exercise in composition to test a candidate's abilities to write English that is simple and grammatical correct.

(*b*) A simple prose passage to be condensed by the candidate with the object of testing comprehension and expression.

(*c*) Correction of sentences.

(*d*) Reported Speech, Questions and Commands.

(*e*) Uses of simple words having similar pronunciations but different meanings and common phrases.

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

Questions to be set on the general geography of the world with particular reference to India, Indian History, everyday science and current affairs.

MATHEMATICS—I

Arithmetic and Mensuration.—Vulgar and decimal fractions, ratio and proportion, percentages, averages, profit and loss, simple and compound interest, stocks and shares, square roots of whole numbers and decimals, areas and volumes of regular figures.

MATHEMATICS—II *Algebra and Geometry.*

Algebra.—Addition, subtraction, multiplication, division, simple equations, H.C.F., L.C.M., fractions, simultaneous equations, involution, evolution, factors, quadratic equations.

Geometry.—Knowledge of the properties of angles at a point, parallel straight lines, angles of a triangle, congruency of triangles, properties of the angles, sides and diagonals of a parallelogram, rhombus, rectangle, square and trapezium.

Properties of circles *i.e.*, angle subtended by an arc or chord at the centre of a circle is double that subtended at the circumference, angle in a semi-circle is at right angles to the radius at the point of contact, angle between chord and tangent equal to angle in the alternate segment.

Constructions, Bisection of angle and straight line, construction of perpendiculars, parallels, triangles, tangents to circles, inscribed and circumscribed circles of triangle.

APPENDIX I

PHYSICAL STANDARDS FOR ADMISSION TO THE NATIONAL DEFENCE ACADEMY (JOINT SERVICES WING).

(*a*) *The Indian Navy.*—Candidates for the Indian Navy should conform to the minimum physical standards as laid down for the Army in sub-para. (*b*) below. In addition they should have the following visual standards :—

Distant (one eye)	6/6 without glasses.
Vision (Worse eye) not less than	6/12 without glasses.
Near vision (each eye)	D.O. 6 without glasses.
Colour vision	Grade I.

Any defected vision should Not be such as entail use of glasses for distance and any defect must be of a refractive error only, capable of correction by glasses to 6/6.

(*b*) *The Army.*

Height without shoes	Chest	
	Girth when expanded	Range of expansion not less than
Inches	Inches	Inches
62 and under 65	33	2
65 and under 68	33½	2
68 and under 72	34	2
72 and upwards	34	2

(*c*) *The Indian Air Force.*
As in (*b*) above modified as follows :—

GENERAL

The general physical condition should be excellent.

EYES

(*i*) Visual Standard—should have excellent eyesight without glasses.

The minimum standard of visual acuity must be 6/6 in one eye and 6/9 in the other without glasses.

(*ii*) Candidates who wear glasses habitually are to be rejected.

(*iii*) Trachoma cases are NOT acceptable in the I.A.F.

(*iv*) Colour vision—should be normal or defective safe.

AUDITORY STANDARD

(*i*) Hearing should be very good.

(*ii*) Chronic Supurative Otitis Media is a cause for permanent rejection.

NAVY AS A CAREER
FOR
INDIAN YOUTHS.

To many people the world 'education' brings to the mind the drudgery in their childhood, and youth of learning all sorts of apparently useless facts-arithmetic, history, grammar and so on But education means much more than that. It means the development of the whole man, of his body, his mind and his spirit or personality, so that he becomes a valuable member of society, skilled in his work, well informed and a good friend and neighbour.

Now the Navy claims that it takes a man a long way on this road. Naturally some go much further than others but few leave the Navy without being better in body, mind and character, How is it done ? The answer is found in three things : first the training which is given ; second the kind of life a man leads, and lastly the experience he gains.

The Navy believes in catching him young. A boy is easier to train at 15 or 16 and fits into a new life more happily at that age than later on So that is the best age both for officers and ratings. Every body has so much to learn that only those who have had a good start and reached a fair standard of education can be recruited.

Specialist Jobs.

The jobs which have to be done in a ship are extraordinarily varied and almost everyone has to be a specialist of some kind, navigators, gunnery experts, wireless, operators, cooks, engineers, electricians, writers ; these are only some of the specialist jobs and all of them require appropriate training. But some parts of training are the same for everyone.

Good food, physical training, drill and plenty of games combine to give a healthy body which is under perfect control. Then there is the training of the mind. Those who come in at 15 or 16 mostly do a lot of schooling, learn-

ing the things which are specially important as a foundation for further training. The schooling therefore covers English, mathematics and science, and also such things as geography, civics and current affairs so that they may be well informed about the world in which they live and may learn of their duties and privileges as citizens of this great country.

Side by side with these things come the beginnings of professional training in seamanship, gunnery, electrical work, wireless etc., depending on the branches they are to join. The preliminary training which has been described above is done ashore and lasts about 15 months Some branches take longer and in particular the artificers who are very highly skilled engineering craftsman take 4 years.

Training ashore is followed by a period of training and probation afloat. Here some of the most important lessons are learnt The professional training is continued but along with it men must learn how to live in a ship. No matter how big the ship is, everyone in her must live in the closest possible contact with others. A ship must be a happy family where everyone must give of his best for her and for his ship mates. The man who is selfish or conceited soon finds that it does not pay and learns to put the good of the sh p and of his messmates before his own wishes, and that is the finest kind of education.

Self Contained Unit.

In due course, after a year or two, the stage is reached when a man can be regarded as a fully trained member of the team and he is rated Able Seaman of its equivalent in other branches. But that is by no means the end of training. Especially is this the case of those who have the ability and ambition to take advantage of the m·ny opportunities for advancement.

A ship is a self-contained unit and among its officers is a schoolmaster who is available to help men to carry on with their formal education. Much of this is on a voluntary basis for the be: efit of those who want to take the examina-

tions which are a necessary preliminary for those who wish to secure promotion. In addition the schoolmaster looks after some of the broader aspects of education. He is in charge of the library and will usually arrange such things as lectures on current affairs, and also circulate information about the places which the ship visits, covering such topics as history, places of interest and the like.

One of the best things about the Navy is the opportunity it gives to visit new places, whether in India or Africa or Ceylon, Australia or even England and Europe. This is something for which people who are not fortunate enough to be in the Navy pay a lot of money, and undoubtedly the experience of new countries, new people, new sights and strange food, customs and ideas is in itself a magnificent education and broadens the outlook in such a way that few other things can.

For some years it will not be possible to provide all forms of training in India and most officers and a number of ratings will have to go abroad for the purpose. This means a fairly prolonged stay in England.

In the Navy details of training very greatly according to the branch and the age of entry. (*By Inst. Capt. W. I. Saxton*)

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Glimpses of Indian Navy

India has had a Navy for more than three centuries and her sea-faring tradition is quite ancient The Ind an Navy traces its history from the formation of the Hon'ble East India Company's Marine in 1612, but it was given an independent status and officially constituted into the Indian Navy in September, 1934.

2. For a peninsular country like India with a 2000 mile coast line, a strong Navy is indispensable to keep the sea communications open for travel and commerce and to protect the country and her shipping.

3. Before India attained independence, the Indian Navy consisted of a few sloops and a number of escort vessels. Since then a cruiser and three destroyers have been added to the Fleet.

4 The personnel of the Navy consist of Commissioned Officers, Branch Officers and Ratings The commissioned ranks consist of the following branches :—

1. Executive Branch
2. Engineering Branch.
3. Supply & Secretariat Branch.
4. Electrical Branch.
5. Instructor Branch.

Brief details of the duties of commissioned officers of each Branch are given below :—

Executive

Executive Officers are generally employed for Seamanship, N.vigation, Gunnery, Torpedo, Anti-Submarine and Communication duties on board a ship. Flying and Control personnel for the Aviation Branch of the Navy are drawn mainly from Executive Officers Executive Officers, as the name impli s, are the only officers who can take command of the ship.

Engineering.

Engineering Officers are responsible for the maintenance and operation of the main propelling machinery and boilers and auxiliary machinery of ships including gun-mounting They are the mechanical experts of the ship. Engineer Officers are also responsible for maintenance of the aircraft engines and air-frames

Electrical.

Electrical Officers are responsible for the running and maintenance of all the Electrical machinery and equipment of ships. This includes main generating machinery and switchgear, Radar, and Radio equipment, Gunnery and Torpedo control instruments and Navigational equipment.

Supply & Secretariat

Supply Officers are responsible for the maintenance of Pay Accounts of Offiers and ratings, cash accounts of the ship, custody and accounting Naval Stores Provisions and clothing and are also responsible for catering. They carry out secretarial work in a ship or establishment and also advise on legal mattters.

Note : Officers of all Branches are required to carry out Instructional duties. They are also employed from time to time in staff appointments and in shore establishments

Instruction

Instructor Officers are responsible for all scientific and mathematical instruction of officers and ratings in the various technical branches of the Indian Navy and educational work, both afloat and ashore.

5. The normal method of recruitment to the commissioned ranks of the Indian Navy in all Branches other than the Instructor Branch is through entry as a Cadet. Cadet Entry is of two types :

(a) Special Entry.

(b) Joint Service Wing (National Defence Academy) Entry.

6. Special Entry.

Candidates entered as Cadets through either source are absorbed into the Regular Cadre of the Indian Navy. Candidates are first required to take a written qualifying examination held by the Union Public Services Commission and those who qualify appear before a Services Selection Board for interview. The final selection is made in the order of merit based on the combined results of the U. P. S. C. examination and the Services Selection Board interview.

Candidates should have passed the Matriculation or any other recognised examination of equivalent standard and should be between 17½—19½ years of age on the 1st of the month following the examination. Details at to the date and place of the examination are notified in the Gazette of India and the Press well in advance of the examination.

Candidates selected as Cadets are sent to the U. K. for training at Government expense. Their parents, however are required to undertake liability for their private expenses whilst under training in the U. K. The training lasts between 4—5 years depending on the branch for which a candidate is trained.

Joint Services Wing Entry.

The selection procedure for the recruitment of Cadets for the Joint Services Wing of the National Defence Academy is the same as for Special Entry Cadets, except that the age qualifications are 15 – 17 years on the 1st day of the month in which the course commences. Full details of the examination are notified in the Gazette of India and the Press well in advance of the date it is to be held.

Selected candidates join the Joint Services Wing of the National Defence Academy, where they undergo training along with Cadets of the Army and the Air Force for two years. Two thirds of this training is devoted to academic subjects and one third to Military subjects. On completion of this training they

are sent to the U. K. for Naval Training along with Special Entry Cadets. From the time of passing out the of the Academy they are treated in the same manner as Special Entry Cadets.

Vacancies in the commissioned ranks and in the Branch List of the Instructor Branch are filled by direct recruitment of suitable candidates from civilian life. As and when vacancies arise, notices are issued in the Press calling for applications. Candidates are only required to appear for interview by a Services Selection Board and selection to fill vacancies is based on the report of the Board.

8. Branch Officers.

The appointment of officers to the Branch List is normally made from ratings who fulfil the prescribed qualifications and who are considered suitable Branch officers are appointed by Commission and are treated as commissioned officers in most respects, though they rank below, and receive lower rates of pay than the latter The duties performed by the Branch Officers are similar in nature to those of commissioned officers.

9. Promotions in the commissioned ranks of the Indian Navy are made on a time scale upto the rank of Lieut. Cdr. Promotions to the ranks of Comdr. are above are made by selection.

10. As in the Commissioned Ranks, the rating's structure of the Indian Navy is composed of many branches, the nomenclature of each branch being indicative of the general nature of duties performed. The following are the the various branches :

Artificers :—Engine Room. Electrical, Radio Electrical, Ordnance, Shipwright.

Communication	Cooks	Engine Room
Medical	Musicians	Naval Aviation
Regulating	Seamen	Steward
Stores	Topass	Writers

11. Their ranks equivalents in the Army and Air Force are shown below :—

Indian Navy Ranks (I. N. Ranks)- *Indian Army Ranks* (I. A. Ranks). *Indian Air Force Ranks* (I. A. F. Ranks).

W. O. Class 11.

Chief Petty Officers of *Indian Navy Ranks*—W. O., IAPS ; W. O., IEME of *I. A. Ranks* and also—Flight Sergeant of *I. A. F. Ranks.*

Non-Commissioned Officers

Petty Officer of Indian Navy Ranks *Havildar/Dafadar* of I. A. Ranks :

(*a*) Regimental Dafadar Major ; Regimental Hav. Major ; Regimental Q. M. Dafadar ; Regimental Q. M. Havildar ; Battalion Hav. Major ; Battalion Hav. Major ; Battalion Q. M. Havildar.

[*b*) Squadron Dafadar Major : Squadron Q. M. Dafadar ; Battary Havilda Major ; Battery Q. M. Havildar ; Troop Havildar Major (RIE) ; Company Havildar Major ; Company Q. M. Havildar.

(*c*) Dafadar ; Farrier Dafadar Major ; Farrier Dafadar ; Havildar ? Trumpet Major, Bugle Major ; Pipe Major ; Dafadar Dresser and also =Sergeant of I. A. F. Ranks.

L/Dafadar/Naik

Leading Seamen and equivalent ratings (but junior to Army rank)=Lance-Havildar, Lance-Dafadar, Naik, Farrier Lance Dafadar of I. A. Ranks and also=Coroporal of I. A F. Ranks.

Men

Able Seamen, Ordinary Seamen and equivalent ratings= Acting Lance-Dafadar Lance Naik, Rider, Gunner, Sapper, Signalman, Sepoy or Rifleman, Trumpeter, Bugler, Piper, Drummer, Bandsman, Dresser/Rider IRVFC, Craftsman of *I A. Ranks* and also=Leading Aircraftsman, Aircraftsman I Class, Aircraftsman II Class, of *I. A. F. Ranks.*

12, Generally, a person wishing to joing the Navy as a rating is recruited at a boy between the ages of 15½ ta 16½ ; but at present Direct Entry Recruitment as a rating is also permissible for men between the ages of 18 to 21.

INDIAN NAVY EXAMINATION

Introduction

An examination for the selection of cadets for entry to the permanent cadre of the Commissioned ranks of the Indian Navy is held at Allahabad, Bombay, Calcutta, Delhi, Madras and Nagpur ordinarily in the months of January, June and September. If very few candidates offer to appear at a centre, it may be cancelled and the candidates may be asked to choose another centre The examination is conducted by the Union Public Service Commission.

Candidates are required to show in the application form the order of their preference for the three branches-Executive, Engineering and Supply and Secretariat—if they wish to compete for more than one branch.

Candidates who qualify at the written examination are required to appear before a Services Selection Board, which make recommendations to the Government of India for the final selection of cadets for appointment to the vacancies offered at the examination.

Candidates for admission to this examination must not be less than 17½ years and not more than 19½ years of age on the date prescribed by the Comm ssion. The age limits are in no case relaxed.

Candidates are required to pay a consolidated application and examination fee of Rs. 37-8-0 (Rs. 9-6-0 in the case of Scheduled Castes or tribal and aboriginal communities' candidates, with the application in accordance with paragraph 5(i) of "Instructions to Candidates".

Particulars relating to educational qualifications and subjects prescribed for the examination are stated in the rules prescribed for the examination.

A candidate who desires to appear at the examination is required to submit his application in the prescribed form with the necessary documents in accordance with the "Ins-

tructions to Candidates regarding the filling up and submission of applications". Application must reach the Secretary, Union Public Service Commission, Parliament House, P. B. No 186, New Delhi, direct on or before the date notified. Copies of the Rules and Application form etc, may be obtained direct from the Secretary, Union Public Service Commission, Parliament House, P. B. No. 186, New Delhi, or from any one of the Naval authorities noted below :—

1. Commodore-in-Charge, Bombay, Vithal House, Mint Road, Bombay.
2. Commodore-in-Charge, Cochin.
3. The Resident Naval Officer, Madras.
4. The Naval-Officer-in-Charge, Vizagapatam.
5. The Resident Naval Officer, Calcutta.

The fact that an application form has been supplied on a particular date is not accepted as an excuse for the late submission of an application. Candidates who delay their request forms until a late date do so at their own risk.

Candidates who are already in Government Service may compete at the examination provided that they fulfil all the conditions mentioned in the Rules. Applications from candidates in Government Service, whether employed in a permanent or temporary capacity, must be submitted through the Head of the Ministry or office concerned.

If any candidate who has applied for admission to an examination held previously for entry to the Indian Navy, wishes to appear in a subsequent examination, he must submit his application by the prescribed date without waiting for results of the former examination. If he is finally selected, his candidature for the latter examination is cancelled.

Candidates accepted for admission to the examination are informed of the date, time and place if the examination in due course.

RULES

1. (*i*) A candidate for selection must apply to be admitted to the examination before such date and in such form as the Union Public Service Commission may prescribe. The application should be made direct to the Secretary, Union Public Service Commission, Parliament House, P. B. No. 186, New Delhi.

(*ii*) A candidate who is in permanent or temporary Government service must appply to the Commission for admission to the examination through the Head of his Ministry or office who will forward his application to the Commission unless he refuses his consent to the application.

(*iii*) Cadets of the Prince of Wales' Royal Indian Military College, Dera Dun, must send their applications through the Principal of the College.

(*iv*) No candidate is allowed to make more than one application in respect of a particular examination.

2. A candidate must be unmarried man and either be

(*a*) a citizen of India *or*

(*b*) a person who has migrated from Pakistan with the intention of permanently settling down in India *or*

(*c*) a subject of Nepal or of Sikkim or of a Portuguese or French possession in India, and if he comes under category (*b*) or (*c*) must be a person in whose favour a certificate of eligibility has been given by the Government of India. A candidate in whose case such a certificate is necessary may be admitted to the examination on his furnishing proof that he has applied for the certificate and he may also be provisionally appointed to the Indian Navy subject to the necessary certificate being eventually given to him by Government.

Note :—Persons who migrated to India from Pakistan before 19th July 1948 and have been ordinarily resident in India since then are eligible for appointment to services and and posts under toe Government of India without certificates of eligibility *qua* citizens of India. Persons who so migrated on or after the 19th July 1948 are non-citizens and must secure certificates of eligibility for appointment to Union Services unless they had migrated before 30th September 1948 and had got themselves registered as citizens within the time allowed or had entered the Union Services without certificates of eligibility under the old instructions in which such certificate of eligibility are not necessary.

3. A candidate must furnish a declaration from his father or guardian, in the form prescribed that the latter is in a position, and will be prepared to discharge the financial obligation attaching to the candidates's training for appointment to the Indian Navy. Should it be found that the declaration in regard to discharge of financial obligations during the period of training is false in any respect, the candidate is liable to immediate removal.

Note : 1. Selected condidates are given training in the U. K. at Government expense. The period of training varies from 4 to 6 years depending on the branch to which trained. The financial liability of parent guardians is confined to the candidate's private and vacation expenses during training. This is estimated to amount as follows :—

Executive and Engineering Branches—£135.
Supply and Secretariat Branches——£125.

The whole of this amount need not be deposited in one lump sum but can be made avaialble in two instalments as may be directed.

Note 2.—The undermentioned State Governments and Local Administrations have instituted scholarships for condidates from the respective States/Administrations who

are selected as cadets in the Indian Navy :—

States Governments Administrations	No. of Scholarships	Value of each Scholarship
Uttar Pradesh ...	6	Deficit upto £116 according to the financial circumstances of a Cadet.
Bombay ...	3	*Branch* *Value* Executive/Engineering £135 Supply & S ctt. £125
Coorg ...	1	Executive/Engineering £135 Supply & Sectt. £125
Bihar ...	1	£ 116
Andaman & Nicobar ...	1	£ 116
Madya Pradesh ...	1	£ 140
Orissa ...	3	£ 116
West Bengal ...	6	Each covering a deficit upto the amounts shown below according to financial circumstances of a Cadet and Branch to which he has been allocated. *Branch* *Amount* Executive/Engineering £135 Supply & Sectt. £125
Punjab ...	2	£ 116
Assam ...	2	Rs. 1900
United States of Travancore and Cochin ...	3	*Branch* *Value* Executive/Engineering £135 Supply & Sectt. £125
Hyderabad Deccan ...	3	£ 116
Patiala & East Punjab States Union ...	1	£ 116
Mysore ...	1	*Branch* *Value* Executive/Engineering £135 Supply & Sectt. £125

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Hyderabad Deccan ...	3	£ 116
Patiala & East Punjab States Union ...	1	£ 116
Mysore ...	1	*Branch* *Value* Executive/Engineering £135 Supply & Sectt. £125

Note 3 —The grant of scholarships is entirely at the discretion of the State Government/Administration concerned and is subject to the fulfilment of the conditions (*e.g.*, those deserving financial aid etc.) stipulated for the award. Therefore, the fact that a candidate has been selected for entry into I. N. does not automatically make him eligible for the award of a scholarship.

4. The maximum number of candidates to be admitted to the examination may in the discretion of the Government of India, be limited to such number as the Government of India may decide. If a limit is imposed and the number of candidates exceeds that limit, the Union Public Service Commission select among the applicants those who are admitted to the examination and do have regard in so doing to the suitability of the applicants for employment as commissioned officers in the Indian Navy.

5. A candidate must have passed :—

(*a*) The Matriculation Examination of a recognised Indian University (including the Matriculation certificate of East Punjab University for Social Service) ; or

(*b*) an examination accepted by any such University as equivalent to a Matriculation Examidation for the purpose of admission to a University course ; or,

(*c*) an examination held by a State Education Board at the end of the Secondary School Course for the award of a School Leaving, Secondary School, High School or any othor certificate which is accepted by the Government of that State as equivalent to the Matriculation certificate for entry into its services ; or

(*d*) the Cambridge School Certificate Examination ; or

(*e*) any other examination which may be recognised by the Union Public Service Commission as equivalent to the above ; or

must possess one of the following cretificates :—

(*f*) the Indian Army Special Certificate of Education ;

(*g*) the Certificate issued by the Inter-Provincial Board for Anglo Indian and European Education to 9th Standard students who join the Forces ;

(*h*) the Higher Educational Test of the Indian Navy ;

(*i*) the Higher Secondary Technical Examination Certificate of the Delhi Polytechnic ;

(*j*) the 10th class certificate from a Higher Secondary Schoo in Delhi/Simla.

(*k*) junior examination of the Jamia Millia Islamia, Delhi, in the case of *bona fide* resident students of the Jamia only ;

(*l*) Bengal (Science) School certificate ;

(*m*) Bombay School Leaving Examination (without any condition) ;

(*n*) the Indian Air Force Educational Test for reclassification to leading Aircraftsman ;

(*o*) the Anglo-Vernacular School Leaving Certificate (Burma) with eligibility for University Course ;

(*p*) the Burma High School Final Examination Certificate with eligibility for University Course ;

(*q*) European High School Examination held by the States Government ;

(*r*) Ceylon Senior School Certificate Examination ;

(*s*) School Leaving Certificate of the Government of Nepal ;

(*t*) I. M. N. T. S. "Dufferin" Final Passing out Certificate;

(*u*) Post War School Leaving Certificate of Burma ;

(*v*) Certificate granted by the East Bengal Secondary Education Board, Dacca.

6. Candidates for admission to this examination must not be less than 17½ years and not more than 19½ years of age on the date prescribed by the Commission. The age limits are in no case relaxed.

7. A candidate must be in good mental and bodily health and free from any physical defect likely to interfere with the efficient performance of the duties of a commissioned officer in the Indian Navy. Only successful candidates are medically examined. A candidate, who, after examination by a Medical Board, is found not to satisfy these requirements, is not accepted for admission to the Service.

Note : Candidates are advised in their own interest to consult a Government Medical Officer of the standing of a Civil Surgeon as to their physical suitability before entering for the examination.

8 A candidate must satisfy the Union Public Service Commission and the appointing authority that he is suitable in all respects for employment as a commissioned officer in the Indian Navy.

9. The decis on of t e Union Public Service Commission as to the eligibility or otherwise of a candidate is final.

10. No candidate is admitted to the examination unless he holds a certificate of admission from the Union Public Service Commission.

11. Any attempt on the part of a candidate to enlist support for his application disqualifies him for admission to the Indian Navy.

12. The candidates must pay the following fee :—

A consolidated application and examination fee of Rs. 37-8 (Rs. 9-6 in the case of candidates beloning to the Scheduled Castes or tribal and aborginal commnnities) with the application.

Note 1 : A Treasury Receipt or crossed Indian Postal Orders only for the amount is accepted by the Union Public Service Commission. The Commission does not accept the fee in cash or cheques.)

Note 2 : The Commission may at their discretion remit the prescribed fee where they are satisfied that the applicant is a *bona fide* refugee and is not in a position to pay the prescribed fee.

Note 3 : No claim for a refund of this fee is ordinarily

entertained, nor can this be held in reserve for any other examination. A refund of Rs. 30 (Rs 7-8 in the case of candidates belonging to the Scheduled Castes is however allowed to a candidate who has paid the consolidated fee of Rs 37-8 (Rs. 9-6 in the case of candidates belonging to the Scheduled Castes or tribal and aboriginal communities), but who is not admitted to the examination by the Commission.

13. The subjects of the written examination, the time allowed for and the maximum marks allotted to each subject are as follows :—

Subjects	*Time allowed*	*Max. Marks*
(A) *Compulsory* :		
1. English Language	2½ hrs.	300
2. General Knowledge	2½ ,,	200
3. Lower Mathematics (2 Papers)	2 ,, each	300
(B) *Optional* :		
4. Physics-*plus*-Chemistry (2 Papers)	3 ,, ,,	300
5. French	3 ,,	300
6. German	3 ,,	300
7. English History from 1485	3 ,,	300
8. Indian History	3 ,,	300
9. Higher Mathematics (2 Papers)	2 ,, each	300

All candidates must offer English, General Knowledge and Lower Mathematics and must pass in Lower Mathematics ; candidates for Executive and Engineering Branches must also offer and pass in Physics-*plus*-Chemistry. Candidates for Executive and Engineering Branches must offer *one* of the subjects from 5 to 9 as an optional subject. Candidates for the Supply and Secretariat Branch must offer *two* of the subjects from 4 to 9 as optional subjects

Note. Candidates who do not state the optional subjects offered by them or offer wrong subjects do so at their own risk and may be disqualified. No request for a change in the

optional subjects offered by a candidate is entertained.

14. In order to qualify in the written examination a candidate must obtain at the written examination at least 120 marks in English, 75 marks in Lower Mathematics and 630 marks in the aggregate. A candidate for Executive and Engineering Branches must further secure at least 75 marks in Physics-*plus*-Chemistry.

15. From the marks assigned to candidates in each subject such deduction is made as the U P S C may consider necessary in order te secure that no credit is allowed for merely superficial knowledge.

16. Deductions for handwriting which is at all difficult to read are made upto 20 per cent. of the maximum marks for the written subjects. In English and in every other subject deductions for bad English spelling are made upto 10 per cent. of the maximum marks

17 The Union Public Service Commission prepare a list of candidates in order of their merit as disclosed by the aggregate marks awarded to each candidate at the written examination The candidates who obtain qualifying marks at the written examination have to appear before a Services Selection Board which make recomendations for the final selection of cadet

18 Selected candidates are given a course of instruction in a Naval Establishment in India. The duration of the course is about 4 months and its object is to assess the candidates' suitability for a Naval career and to familiarise them with Naval customs and routine. It also includes instruction in colloquial English. On the conclusion of this course candidates who are considered to be unsuitabe for a Naval career are discharged.

During preliminary training in a Naval Establishment in India, the candidates are given the status of Cadet and are subject to the Indian Naval Discipline Act, 1934. No pay is admissible during this period. They however, are provided with messing and accommodation at Government expense and parents are required to meet their out-of-pocket expenses. The period of training in India does not

count as part of the training in the U. K. nor does such time count as service for promotion.

19. Candidates are then sent to the U. K. to undergo initial training with the Royal Navy. Except as may be otherwise provided for, they governed generally by the R. N. Regulations during the period of such training.

The training of candidates commenses with their appointment to the Royal Naval College, Dartmouth. Candidates are appointed as Cadets from the date they commence their training at this college and from then onwards they become subject to the Royal Navy Regulations. Cadets remain at the College for one term and are thereafter appointed to a Training Cruiser for two terms. On completion of their training at the R. N. College and in the Training Cruiser, Cadets are promoted to Midshipmen, subject to qualifying in the passing out examination. Midshipmen of the Executive Branch and Supply and Secretariat. Branch then proceed to ships of the Fleet whilst the Engineering Branch Midshipmen proceed to the Royal Naval Engineering College, Devonport.

Under the Royal Navy Regulations, during their training at the R N. College, Dartmouth, and in the Training Cruiser, the Cadets are regarded as on probation and a Cadet may be withdrawn at any time, if in the opinion of the Admirality,

(*a*) he fails to reach a satisfactory standard, *or*

(*b*) his conduct is unsatisfactory, *or*

(*c*) he is considered unsuitable for Naval service.

During the subsequent stages of their training, the officers come under tne ordinary regulations for Naval officers and are liable to be withdrawn from training and discharged from the Services if they fail to make satisfactory progress.

Note : A "term," is of 4 months duration.

Syllabus

All papers should be answered in English except where it is otherwise expressly stated.

1. *English.*—The test in English is designed to value understanding and command of the language. Amongst other tests a passage is set for precis.

In English, and in every subject, deductions for bad English spelling are made up to 10 per cent. of the maximum marks

2 *General Knowledge* —The questions are designed to test the candidate's knowledge of, and interest in, current events and in such other subjects as should be within the knowlegde of Indian candidates of the prescribed age. The paper may include a general question or questions on literature.

3. *Lower Mathematics* —

Arithmetic.—Arithmetic, including simple methods of using statistical data.

The mensuration of plane areas and simple solid bodies. The determination of area, volume and density by displacement, by weighing, etc.

Geometry —The substance of Euclid's six books. Elementary ideas in solid geometry treated informally; straight lines, planes, rectangular blocks, wedges, pyramids, cylinders, cones and spheres. Drawing and interpretation of plan and elevation.

Algebra.—Formulas, their evaluation and transformation, the notion of a function ; rate of change. The gradient and area of a graph. The solution of equations, linear and quadratic simple and simultaneous The use of logarithms; the meaning and simplest properties of negative and fractional indices. Arithmetical and finite geometrical sequences

Trigonometry —Solution of plane triangles, graphs of trigonometrical function ; use of four-figure tables ; additional theorems

Mechanics — The lever, the inclined plane, the pully, the

balances and other simple machine ; the composition and resolution of forces in one plane ; moments ; simple graphical methods ; simple cases of equilibrium ; properties of the centre of gravity ; work ; velocity ratio ; mechanical advantage, and efficiency of a machine.

The composition and resolution of velocities and acceleration in one plane, rectilinear motion under uniform acceleration ; the conservation of linear momentum ; work, energy and power ; graphical treatment of varying velocities, accelerations and forces

Proofs of the parallelogram and triangle of forces, and of the principle of moments are not asked for Questions are not set on curvilinear motion.

General —In the absence of special instructions that a question is to be answered by a praticular method candidates are at liberty to choose their method from any branch of mathematics.

4. *Physics plus-Chemistry.*—Two question papers are set One paper is two-thirds Electricity and one-third Chemistry, and the other paper two-thirds Physics other than Electricity and one-third Chemistry. In each paper candidates are required to answer a question in Chemistry.

Electricity.—The fundamental ideas concerning electric currents, difference of potential, resistance ; construction and mode of action of the commoner primary batteries. The fundamental laws of electrolysis and their application in secondary cells and electro-plating Heating effect of a current ; its application in incandescent and are lamps, electric welding, cooking etc, The phenomena of permanent and induced magnetism in iron ; fields of magnetic force ; the magnetic field associated with an electric current. The construction and action of an electro-magnet ; application in electric bells and telephones. The simpler phenomena of electro-magnetic induction ; broad principles and applications of the induction coil, magneto, dynamo, and motor. The fundamental ideas concerning wireless telegraphy. The The simpler methods of measuring electric current, difference of potential and resistance ; practical definitions of ampere,

volt, and ohm. Ohm's law. Construction and mode of action of simple measuring instruments ; electric transmission of power by direct current ; joule, watt, Board of Trade unit of electric energy.

Physics other than Electricity—General.—Principles of measurement. Solids, liquids, and gases.

Hydrostatics —Fluid pressure ; floating bodies ; Determiation of specific gravity Gaseous pressure. Boyle's law. Atmospheric pressure ; barometers. Air and water pumps and other simple instruments.

Heat.—Temperature ; thermometers. Specific heat ; latent heat ; calorimeters. Expansion ; measurement and simple illustrations. Transmission of heat ; convection, conduction, and radiation ; application to heating and ventilating. Vaporization ; distillation ; humidity, fog and cloud. Heat considered as energy ; mechanical equivalent. Generation of heat ; calorific values.

Optics.—Transmission, reflection, refraction of light Prisms and lenses ; the f rmation of images. Construction of simple telescope and microscopes. The eye ; spectacles. Intensity ; principles of illumination ; photometry. Dispersion ; spectroscopes ; colour.

Chemistry.—General Chemistry —Elements, compounds and mixtures. Laws of chemical combination. Equivalents. molecular and atomic weights. Structural formulas and valency. Outlines of the properties of solutions. Heat of reaction.

Inorganic Chemistry —The chemical properties of oxygen, hydrogen, nitrogen, chlorine, carbon, sulphur phosphorous, and their common compounds. The general characteristics and behaviour of the metals potassium, calcium, aluminium, copper, zinc, mercury, tin, lead, and iron. The preparation (without technical details) and uses of chemicals of industrial importance, such as oxygen, soda, sulphuric acid, coal gas and of the more important metals.

Organic Chemistry.—Outlines of the chemistry of the simple compounds of carbon, containing not more than two carbon atoms directly connected. An elementary knowledge

of the properties of benzene and its simpler derivatives. The part played by carbon compounds in the life of animals and plants ; fats, soap, starch and sugars, treated descriptively. Carbon compounds as sources of energy.

In Chemistry a choice of questions is given, so that full marks may be scored without a knowledge of organic chemistry.

5 and 6 *French, German.*—Translation from the language ; set composition ; free composition For German composition candidates may use either German or English characters.

7. *English History from* 1485.—British History, including British Colonial History, and European History as affecting British History.

Although a fixed date is given for the beginning of the period, candidates are expected to know in general outline how the initial position was reached. Such knowledge of geography as is necessary to make the history comprehensible is required

8. *Indian History with special reference to the history of India from* 1526 *onwards.*—The paper deals with great men and great events, great changes and great movements, and the broad features of general life in the history of India.

9. *Higher Mathematics.*—Includes Lower Mathematics, together with—

Geometry.—Elements of solid geometrical drawing Equations to the straight line, circle, ellipse parabola, hyperbola, and other simple curves, in rectangular coordinates. Acquintance is expected only with the simplest theorems about the curves, Candidates are free to use the methods of the infinitesimal calculus.

Algebra.—Elementary knowledge of the use of indeterminate coefficients, especially with partial fractions Easy computation, including the numerical solution of equations.

Calculus,—Differentiation and integration of simple standard forms and other forms depending on them; application to easy geometrical, mechanical, and physical problems, to turning values, and to the expansion of simple algebraic

(*i*) A treasury receipt or crossed Indian Postal Oders for Rs. 37-8-0. (Rs 9-6-0 in the case of candidates belonging to the scheduled castes or Tribal and aboriginal communities). The amount may be deposited in the nearest Government Treasury, or in a branch of the Imperial Bank of India, or in a State Treasury authorised to transact business on behalf of Government. (Amount deposited at Bombay, Calcutta, Delhi or Madras should be depos ited in the Reserve Bank of India instead of in he Imperial Bank of India.) The Treasury or Bank should be asked to credit it to Government under the acc unt head "XXXVI—Miscellaneous Departments—Examination Fees—Receipts of theUnion Public Service Commission." **Candidates must see that they are eligible and must decide definitely to enter for the examination before depositing the fee in the Treasury (or Bank) The application fee of Rs. 7-8-0 (Rs. 1-14-0 in the case of candidates belonging to the scheduled castes or tribal and aboriginal communities) is not returned in any circumstances whatever nor is it held in reserve for any other examination (or selection) once an application has been considered by the Commission. A refund of Rs 30 (Rs 7-8-0 in the case of candidates belonging to the scheduled castes or tribal and aboriginal communities) is however allowed to a candidate who has paid the consolidated fee of Rs. 37-8-0 (Rs. 9-6-0 in the case of candidates belonging to the scheduled castes or tribal or aboriginal communities), but who is not admitted to the examination by the Commission.** The name of the examination and of the Treasury at which the fee is deposited should be clearly entered in the Treasury Receipt. The treasury receipt should be on the form pertaining to Central Government transactions and should be obtained from the treasury at which the fee is deposited.

Note 1.—Candidates who are in the United Kingdom, Australia, Pakistan, Burma, Ceylon or Malaya at the time of submitting their applications should deposit the amount of their prescribed fee [the equivalent fee of Rs. 37-8-0 (Rs. 9-6-0 in the case of candidates belonging to the Scheduled Castes or tribal and aboriginal Communities)] in the office of the High Commissioner for India in the United Kingdom, Australia, or Pakistan or in the office of India's Ambassador in Burma or in the office of the Government of India's

Representative in Ceylon or Malaya, as the case may be, and forward the receipt from that office.

Note 2.—Cash or cheques are not accepted by the Union Public Service Commission. All postal orders should be crossed and made payable to the Secretary, U. P. S. C. at New Delhi Post Office and in no case postal orders payable at any other Post Office are accepted.

Note 3 —An application not accompanied by a Treasury Receipt or crossed Indian postal orders for Rs. 37-8-0 (Rs. 9-6-0 in the case of candidates belonging to the scheduled castes or tribal and aboriginal communities) is summarily rejected and no explanation for inability to send the Treasury Receipt or crossed Indian postal orders with the application is considered.. This does not apply to displaced persons seeking remission of the fee *vide* para (12) below.

(*ii*) Certificate of age. (See paragraph 6 of the Rules).

(*a*) The only proof of age ordinarily accepted by the Commission is the age or date of birth entered in the Matriculation certificate or one of the other certificates listed in paragraph 5 of the rules. This certificate must be sent with the application in original.

If a Matriculation or equivalent certificate does not give the exact date of birth the candidate must send, *in addition to the Matriculation* or *equivalent certificate*, a certificate) in original) from the Headmaster of the High School which he first attended showing the date of his birth or his exact age as recorded at the time of his admission to the school. An Anglo-Indian, or an Indian Christian may send his original Baptismal or Birth Registration Certificate instead of the Headmaster's certificate.

A candidate, who has passed the Matriculation or equivalent examination as a *private student*, must submit, in addition to the Matriculation or equivalent certificate a certificate, from the Headmaster of the school which he first attended, showing the date of his birth or his exact age as recorded, in the school admission register. If no school was ever attended, certified extract from the Municipal Birth register relating to himself or some other convincing proof in support of the age stated in the Matriculation

certificate should be submitted. *The application of a private student who can produce no satisfactory evidence in support of the age stated in his Matriculation or equivalent certificate may be rejected.*

Note 1.—A transfer certificate from a school or college is not accepted as evidence of age

Note 2.—The age and Nationality Certificate, issued by some State authorities, is not required

Note 3 - Displaced persons who have lost their original Matriculation Certificates in Pakistan, should obtain duplicate certificates from the University concerned. If they are unable to obtain the duplicate Matriculation Certificate from the University, they should submit an extract from the University Gazette in which their results were published showing date of their birth and certified by the Registrar or the Headmaster.

Note 4—Ordinarily the Commission do not accept a date of birth other than that proved or supported by the Matriculation Certificate. If they do so they require not only convincing proof of the date claimed but also a satisfactory explanation of the incorrect entry in the Matriculation Certificate. When once a date of birth has been claimed and accepted by the Commission for the purpose of admission to an examination, no change is allowed at a subsequent examination. Candidates who wish to challenge the entry of their age in a Matriculation Certificate, must do so at the first opportunity. In such cases, a candidate must send direct to the Union Public Service Commission all the evidence on which he bases his claim as soon as he has submitted his application.

(*b*) *Cadets of the Prince of Wales' Indian Military College, Dehra Dun,* must submit a certificate of age from the Principal of the College and no other certificate as evidence of age is required.

The original and a copy of each of the above mentioned certificates must be submitted with the application. The original is returned at the time of admission.

If the candidate has already submitted the required certificate in connection with another examination conducted

by the Union Public Service Commmission and if it has not yet been returned to him, he should mention the fact when submitting his application and, if possible, enclose a copy of the certificate If the certificate is not with the Commission, it should be sent with the application whether the candidate appeared at a previous examination conducted by the Commission or not. If any certificate cannot be submitted with the application, a reasonable explanation of its absence must be given.

Candidates are advised to keep attested copies of their original certificates with them before submitting them to the Union Public Service Commission, as the Commission cannot undertake to return the original certificates unti orders are passed on their applications, nor can they underltake to supply attested copies to candidates.

(*iii*) A declaration by the parent or guardian of the candidate in the prescribed form given in the end hereof.

(**iv**) *Certificate of educational qualifications.* (*See paragraph 5 of the Rules*).—A certificate or diploma in original showing that the candidate has one of the qualifications prescribed for the examination. The certificate submitted must be one issued by the authority (*i e.*, Univers ty or otl er examining body) awarding the particular qualification. If such a certificate or dip'oma is not ·ubmitted, the candidate must explain its absence. and submit such other evidence (in original), as he can to support his claim to the requisite qualifications. The Commission consider this evidence on its merits but do not bind themselves to accept it as sufficient.

Note.—Candidates who have appeared at an examination the passing of which would render them eligible to appear at this examination, but have not been informed of the result, may apply for admission to the examination. Their applications are accepted provisionally and they are required to furnish proof of having passed the examination as soon as possible and in any case not later than the date of the commencement of this examination.

6. Candidates may be required at the interview by

the Services Selection Board to produce the original document or documents if any, containing particulars of the services if rendered by the father or any of the relatives of the candidates in a military capacity.

Note —Certificates other than those mentioned in paragraph (5) (*ii*) and (*iv*) above are not returned.

7. No request for a change in the selection of optional subjects is entertained.

8. All communications in respect of an application should be addressed to the Secretary, Union Public Service Commission, Parliament House, Post Box 186, New Delhi, and should contain the following particulars :—

Name of examination.
Month and year of examination.
Roll No (if communicated to the candidate.)
Name of candidate.
Address as given in application.

Communication not giving these particulars may not be attended to.

9. The fact that an application form has been supplied on a particular date is not accepted as an excuse for the late submission of an application or as evidence of the receiver's eligibility to compete

10. Every candidate for admission to the examination is informed at the earliest possible date of the result of his application.

All returnable certificates or papers are returned when the result of his application is communicated to the candidate.

11. Candidates must make arrangements to see that communications sent to them at the addresses stated in their applications are redirected, if necessary. Also any change of address should be communicated at once to the Secretary, Union Public Service Commission. After the announcement of results candidates who qualify in the written examination should intimate the change to the Union Public Service Commission as well as to the Commander-in-Chief, Indian Navy, Naval Headquarters, New

Delhi. Although the authorities make every effort to take account of changes in candidates' addresses, they do not accept any responsibility in the matter

12. A displaced person seeking remission of the prescribed application and examination fees should forward along with his application his Refugee Registration Card (in original) and a certificate (also in original) from a District Officer or a Gazetted Officer of Government or a Member of the Parliament or State Legislature to show that he is not in a position to pay the prescribed fees.

Declaration of Parent or Guardian

[To accompany every application for the selection of cadets for recruitment to the commissioned ranks (permanent cadre) of the Indian Navy]

I of
*

declare that my son/ward who has applied for permission to attend the examination for entry to the Indian Navy is unmarried, and I undertake that if he marries within twelve months from the date of this declaration and is a candidate for any such examination, I will immediately inform the Union Public Service Commission that he has married.

2. I further declare on behalf of my son/ward that it is his intention, if successful, to make the Indian Navy his permanent profession in life.

3. I declare also that I am in a position and am prepared to discharge the financial obligations attaching to the training of my son/ward for appointment to the Indian Navy if he is selected therefor on the result of this or any succeeding examination.

Place *Signature of Parent or Guardian*
Date *Address*..... .....
Occupation..... .....

Note.—The total estimated expense to parent/guardian during a cadet's training in the U. K. is as follows :—

For Executive and Engineering Cadets £135

For Supply Cadets £125

*(Give address in full and occupati n.)

(*Declaration to be signed by the candidate*)

I hereby declare t at :—

(*i*) The statements made in this form are true to the best of my knowledge and belief,

*(*ii*) I am not, and have never been married and I undertake that I w ll not marry while I a n a candidate for admission to or am under training for admission to or am under training for the Indian Navy,

†(*iii* (*a*) I am a citizen of India,

(*b*) I was domiciled in Pakistan but have migrated to India and certificate of eligibility is not necessary in my case in terms of the Note under Rule 2.

(*c*) I was domiciled in Pakistan but have migrated to India and a certificate of eligibility is necessary in my case in terms of the note nder Rule 2.

(*d*) I am a citizen of Nepal / Sikkim / Portuguese possession in India / French possession in India

(*iv*) I have not incurred, and if accepted for training for the Indian Navy, will not during such training ncur any financial obligation which I would be bound to discharge out of my pay as an officer of the Indian Navy if I received a commission.

Date ..... *Signature*.... ....

*A candidate who marries subsequent to the date of his declaration though successful at the ensuing or any subsequent examination is not selected for training and a candidate who marries while under training may be discharged.

†Strike off the portion not applicable to you.

For the use of Government Servants only

[*vide* instruction (2)]

Certificate by head of Ministry or Office

Certified that Mr..... ...holds a permanent/temporary post under the Central/State Government. His character, so far as known to me is good and his work suggests that he would be suitable for appointment if he is successful in the examination. I recommend that he be admitted to it.

Signature..... *Designation* ... .

Date ...

SURVEY OF INDIA

CLASS I EXAMINATION

Nature of Examination.

A competitive Examination.

Whom to apply.

The Secretary, Union Public Service Commission, Post Box No. 186, Parliament House, New Delhi.

Qualifications.

(*a*) *Academic* :—A candidate must—(*i*) Possess a B.A. or B.Sc. degree in the first class or an Honours or post-graduate degree in every case with Mathematics as a principal subject, or a degree in Engineering, of a University approved by Government; provided that the requirement of a B.A. or B.Sc. degree being in the First Class be waived in the case of a candidate who is already employed in the Survey department; or

(*ii*) Have passed Sections A and B of the Associate Membership Examination of the Institution of Engineers (India) or have any other educational qualifications recognised by that institution as exempting from passing these sections; or

(*iii*) Have obtained an Engineering degree of one of the following universities :—

(*a*) *Cambridge* :—Ordinary degree B. A. in Engineering provided the graduate has passed in the principal subjects Engineering I, Engineering II, and Engineering III; (*b*) *Glasgow* :—B.Sc. in Naval Architecture (Honours or Ordinary degree); (*c*) *Durham* :—B.Sc. in Marine Engineering; (*d*) *London* :—B.Sc. Ordinary or with Honours [not including the B.Sc. in Engineering (Mining) or the B.Sc. in Engineering (Metallurgy)]. (*e*) *Victoria University* (Manchester)—B.Sc. in Engineering; (*f*) *Aberdeen* :—B.Sc. in Engineering (Honours or Ordinary degree).

(*iv*) Have passed the Associateship examination of the City and Guilds Institute (Imperial College of Science and Technology, South Kensington) in Civil Engineering; or

(*v*) Have passed the Associate examination of the Bengal Engineering College in Mechanical Engineering ; or

(*vi*) Have obtained the Certificate of the Indian School of Mines, Dhanbad ; or

(*vii*) Have obtained the B.Sc. (Engg.) degree of the Aligarh Muslim University.

(*b*) *A candidate must be a male and either* :—

(*i*) a national of the Indian Union by birth or by domicile, or

(*ii*) a ruler or a citizen of an Indian State which has acceded to the Indian Union, or

(*iii*) a person of Indian descent, or a ruler or a citizen of an Indian State which has not acceded to the Indian Union, or a citizen of the Pakistan Dominion or of any other territory adjacent to Indian, in whose favour a declaration of eligibility has been issued by the Government of India.

Age.

(*i*) A candidate must have attained the age of 20 years and must not have attained the age of 27 (29 years in the case of Scheduled caste candidate) on the date prescribed by the Commissions for this purpose.

(*ii*) A candidate who is already employed in the Survey of India Department and is over the age of 25 years and under the age of 31 years (under 34 years in the case of a Scheduled caste candidate), on the prescribed date may, however, be admitted to the examination if he is recommended by his Department.

Fees.

To be paid to (*i*) the Union Public Service Commission—A consolidated application and examination fee of Rs. 27/8/- (Rs. 6/14/- in the case of candidates belonging to the Scheduled castes) with the application. (A Treasury Receipt or a crossed Indian Postal order only for this amount is accepted by the Commission. The Commission do not accept the fee in cash or cheques.

(*ii*) *To the Medical Board*—Rs. 16 before examination by a Medical Board (only for candidates being considered for appointment).

Note :—No claim for a refund of these fees is ordinarily entertained nor can they be held in reserve for any other examinations or selections. A refund of Rs. 20 (Rs. 5 in the case of candidates belonging to the Scheduled castes) is, however, allowed to a candidate who has paid the above fee of Rs. 27/8/-, 6/14/-, but who is not admitted to the examination.

Documents to be sent with the Application.

(*i*) A treasury receipt or crossed Indian Postal Orders for the amount of the application and examination fee. (*ii*) A certificate of age. (*iii*) A certificate of character. (*iv*) A certificate of Educational Qualification.

(*v*) A certificate in original, with a copy thereof, from the Principal of the College concerned, that the candidate took Mathematics as his principal subject in the B.A. or B.Sc. (Pass Course or Honour or Post Graduate Course as the case may be).

Scale of Pay.

1. *Probationers and Assistant Superintendents* :—

Rs. 350 – 350 – 380 – 380 – 30 – 590 – E.B. – 770 – 40 – 850.

2. *On Promotion to the Grade of Superintendent* :—

Rs. 600 – 40 – 1000 – 1050 – 1050 – 1100 – 1100 – 1150.

Standard and Syllabus of the Examination.

The examination includes the following subjects each of which carries the marks shown against each :—

	Total Marks.
(1) *English*	
(*a*) General	150.
(*b*) Handwriting	50.
(2) *Mathematics* :—(The standard of syllabus is that of a pass course of a degree examination of an Indian University).	
(*a*) Algebra	250.
(*b*) Geometry	300.

(c) Plane Trigonometry, Mensuration and Logarithms ... ... 300.

(3) *One of the following* :— 300

I. *Higher Mathematics* :—The standard of syllabus is generally that of an Honours Degree of an Indian university.

(1) *Pure Mathematics* :—The subjects included are

(a) Algebra, Trigonometry and Theory of Equations with the Determinants ;

(b) Pure Plane Geometry and Analytical Geometry of two and three dimensions ;

(c) Differential and Integral Calculas and Differential equations.

(2) *Applied Mathematics* :—The subjects included are :—

(i) Statics including Theory of Attractions and Potential and Hydrostatics.

(ii) Dynamics of a Practical and Elementary Rigid Dynamics.

Or

II. *Survey* :—(i) Theoretical 300
(ii) Practical 300

Note :—Candidates who offer Pure and Applied Mathematics cannot take Survey Theoretical and Practical, and vice versa.

(4) *Drawing* :—

(a) Freehand from copies 100

(b) Maps 150

(c) Geometrical Drawing Plane, geometrical figures with compass and rule, and the construction of scales of all kinds, including diagonal scales 150

(5) *Viva Voce.*

Note :—(1) No candidate is eligible for appointment unless he obtains 50 per cent. of the total marks in Mathematics and 30 per cent. of the marks in each branch of English.

(2) The standard and syllabus of the examination is such as the Union Public Service Commission prescribes.

SURVEY OF INDIA

CLASS II EXAMINATIONS

Nature of Examination.

A competitive Examination.

Whom to apply.

The Secretary, Union Public Service Commission, Post Box No. 1 6, Parliament House, New Delhi.

Qualifications.

(*a*) *Academic* :—A candidate must—

(*i*) have passed the B.A. or the B.Sc. examination of a University approved by the Govt. of India, with Mathematics in either case, or

(*ii*) have passed sections A and B of the Associate Membership examination of the Institution of Engineers (*India*) or have any other educational qualification recognised by that Institution as exempting from passing these sections ; or

(*iii*) Same as under item 3 (*iii*) of Survey of India, Class I examination particulars in this book.

(*iv*) have passed the Associateship examination of the City and Guilds Institute (Imperial College of Science and Technology, South Kensington) in Civil Engineering ; or

(*v*) have obtained a diploma of Faraday House, London as obtained by actually passing the examination of the Faraday House ; or

(*vi*) have passed the Associate examination of the Bengal Engineering College in Mechanical Engineering ; or

(*vii*) have obtained the certificate of the Indian School of Mines. Dhanbad ; or

(*viii*) have obtained the B.Sc. (Mining) degree of the Banares Hindu University ; or

(*ix*) have obtained the B.Sc. (Engg.) degree of the Aligarh Muslim University.

(*b*) *Other* :—Same as under item No. 3 (*b*) of Survey of India, Class I examination particulars in this book.

Note : —A woman candidate is eligible only if she is not married or widow without encumbrances. If such a candidate is selected, she will be appointed on the express condition that she must resign the service on marriage or remarriage.

Age.

A candidate must have attained the age of 19 and must not have attained the age of 26 (or 29 in the case of a Scheduled caste candidate) on the date prescribed by the Commission.

A candidate who is already in the employ of the Survey of India Department and is over the age of 25 and under the age of 30 (or 33 years in the case of a Scheduled caste candidate) on the prescribed date may, however, be admitted to the examination if he/she is recommended by his/her Department.

Fees.

(A) *To be paid to the Union Public Service Commission*—A consolidated application and examination fee of Rs. 27/8/- (Rs. 6/14/- in the case of Scheduled caste candidate) with the application. A Treasury Receipt or a crossed Indian postal order only for this amount is accepted by the Commission. The Commission do not accept the fee in cash or cheques.

(B) *To be paid to the Medical Board*—Rs. 16 before examination by a Medical Board (only for candidates being considered for appointment.)

Note :—No claim for a refund of these fees is ordinarily entertained nor can they be held in reserve for any other examinations or selections. A refund of Rs. 20 (Rs. 5 in the case of Scheduled caste candidate) is, however, allowed

to a candidate who has paid the above fee of Rs. 27/8/- 6/14/- but who is not admitted to the examination.

Scale of Pay.

Probationers and Extra Assistant Superintendents :—

Rs. 275—25—500—E.B.—30—650—E.B.—30—800.

Standard and Syllabus.

The examination includes the following subjects each of which carries the marks shown against each :—

	Marks.
(1) *English* :—	
(*i*) General	150
(*ii*) Handwriting	50
(2) *Mathematics* :—	
(*i*) Algebra	250
(*ii*) Geometry	300
(*iii*) Plane Trigonometry Mensuration and Logarithms	300
(3) *Drawing* :—	
(*i*) Freehand from copies	100
(*ii*) Maps	150
(*iii*) Geometrical (Drawing Plane geometrical figures with compass and rule, and the construction of scales of all kinds including diagonal scales)	150

The standard of the examination is approximately that of a pass course of a degree examination of an Indian University.

No candidate is eligible for appointment unless he obtains 50 per cent. of the total marks in Mathematics and 30 per cent. of the marks in each branch of English.

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ENGINEERING SERVICES EXAMINATION

Nature of Examination.

A combined Competitive Examination generally held in the month of January each year, at Allahabad, Bombay, Calcutta, Delhi, Madras, Nagpur, Patna and Cuttack.

Whom to apply.

The Secretary, Union Public Service Commission, Parliament House, P. B. No. 186, New Delhi.

Name of Services.

(*a*) The Indian Railway Service of Engineers.

(*b*) The Signal Engineering Department of the Superior Revenue Establishment of State Railways.

(*c*) The Electrical Engineering Department of the Superior Revenue Establishment of State Railways.

(*d*) The Central Engineering Service, Class I.

(*e*) The Central Engineering Service, Class II.

(*f*) The Central Electrical Engineering Service, Class II.

(*g*) The Telegraph Engineering Service, Class I.

Qualifications.

(*a*) *Academic* : (*i*) Passed sections A & B of the Associate Membership Examination of the Institution of Engineers (India) or have any other educational qualification recognised by that Institution as exempting from passing these sections : or

(*ii*) Obtained any Engineering degree of one of the following Universities, namely, Cambridge—Ordinary degree B. A in Engineering, provided the graduate has passed in the principal subjects, Engineering I, Engineering II and Engineering III ; Glasgow—B. Sc. in Naval Architecture (Honours or Ordinary degree), Durham —B. Sc. in Engineering (Honours or Ordinary degree) ; or

(*iii*) Passed the Associateship Examination of the City and Guilds Institute (Imperial College of Science and Technology, South Kensington) Civil Engineering ; or

(*iv*) Passed the Associateship Examination from the Bengal Engineering College in Mechanical Engineering ; or

(*v*) Obtained the B. Sc. degree in Engineering of the Aligarh Muslim University ; or

(*vi*) Obtained the All India Diploma in Electrical Engineering of the Delhi Polytechnic.

(*b*) **Others** :—A candidate must be either (*a*) a national of the Indian Union by birth or by domicile, or (*ii*) a ruler or a citizen of an Indian State which has acceded to the Indian Union : or (*iii*) a person of Indian descent, or a ruler or a citizen of an Indian State which has not acceded to the Indian Union, or a citizen of the Pakistan Dominion or of any other territory adjacent to India, in whose favour a declaration of eligibility has been issued by the Government of India.

Age.

(*a*) A candidate for the Indian Railway Service of Engineers, Central Engineering Service Class I, Central Engineering Service Class II, Central Electrical Engineering Service Class II, and Telegraph Engineering Service, must have attained the age of 20 years and must not have attained the age of 25 years on the date prescribed for this purpose in the Notice issued by the Commission. A Scheduled caste candidate must have attained the age of 20 and must not have attained the age of 28 years on the prescribed date.

(*b*) A candidate for the Signal Engineering & Electrical Engineering Department of the Superior Revenue Establishment of State Railways must have attained the age of 21 years and must not have attained the age of 25 years on the date prescribed for this purpose in the notice issued by the Commission (21 years and 28 years in the case of Scheduled caste candidate). Candidates already in Railway Service who are over the age of 25 and under the age of 30 (in the case of a Scheduled caste candidate who is under the age of 33) on the date prescribed for this purpose in the notice issued by the Commission may, however, be admitted to the examination if they hold a substantively permanent appointment and are recommended by their Department or office.

Fees.

(*A*) *To be paid to the Union Public Service Commission.* A consolidated application and examination fee of Rs. 82/8/- Rs. 20/10/- in the case of candidates belonging to the Scheduled castes with the application. A Treasury Receipt or a crossed Indian Postal Order only for this amount is accepted by the Union Public Service Commission. The Commission do not accept the fee in cash or cheques.

(*B*) *To be paid to the General Manager of Railway concerned* : Rs. 16 before examination by a Medical Board (only for candidates being considered for appointment).

Documents to be sent with the application.

(*i*) A Treasury Receipt or crossed Indian Postal Order for the amount of the application and examination fee ; (*ii*) A certificate of age ; (*iii*) A certificate of character ; (*iv*) A certificate of Educational Qualification ; (*v*) In the case of candidates offering Surveying as an optional or compulsory subject. a certificate in original, with a copy thereof, showing that the candidate has undergone satisfactory training in Surveying including practical Surveying.

Syllabus for The Indian Railway Service of Engineers.

(*a*) *Compulsory* : (1) English (including Essay & Precis writing)—100; (2) General Knowledge—100; (3) Applied Mechanics (including strength of Materials & Theory of Structures) —200 (4) Construction (*i*) Building materials, (*ii*) Design of structures, (*iii*) General principles governing the design of Railways, roads, harbours & other works—200 ; (5) Surveying —100 ; (6) Sanitary Engineering & Water Supply ; (7) Viva Voce—300.

(*b*) *Optional—any two.* (1) Physics (including Electricity & Magnetism—100 ; (2) Prime Movers—100, (3) Hydraulics & Hydraulic Machines –100 ; (4) Electrical Engineering--100 ; (5) Architecture & Town Planning – 100.

The Central Engineering Service Classes I & II.

(*a*) *Compulsory* :—(1) English (including Essay and Precis writing)—100 ; (2) General Knowledge—100 ; (3) Applied

Mechanics (including strength of Materials and Theory of Structures)—200 ; (4) Construction—(*i*) Building Materials, (*ii*) Design of Structures, (*iii*) General principles governing the design of railways, roads, harbours and other works—200 ; (5) Surveying—100 ; (6) Sanitary Engineering and Water Supply—100 ; (7) Viva Voce—300.

(*b*) *Optional—any two* :—(1) Physics (including Electricity and Magnetism)—100 ; (2) Prime Movers—100 ; (3) Hydraulics and Hydraulic Machines—100 ; (4) Electrical Engineering —100 ; * (5) Architecture and Town Planning—100. (* This subject is intended for Central Engineering Service Class I only).

The Central Electrical Engineering Service Class II

(*a*) *Compulsory* :—(1) English (including Essay and Precis writing)—100 ; (2) General Knowledge—100 ; (3) Electrical Engineering—200 ; (4) Mechanical Engineering—200 ; (5) Applied Mechanics (including Strength of Materials and Theory of Structures)—200 ; (6) Viva Voce—300.

(*b*) *Optional—any two* :—(1) Physics (including Electricity and Magnetism) —100 ; (2) Electrical Communication Engineering—100 ; (3) Prime Movers—100 ; (4) Applied Mathematics —100 ; (5) Hydraulics and Hydraulic Machines—100.

The Telegraph Engineering Service, Class I

(*a*) *Compulsory* :—(1) English (including Essay and Precis writing)—100 ; (2) General Knowledge—100 ; (3) Applied Mathematics—200 ; (4) Electrical Engineering—200 ; (5) Viva Voce—300.

(*b*) *Optional—any two* :—(1) Electrical Communication Engineering—100 ; (2) Applied Mechanics (including Strength of Materials and Theory of Structures)—100 ; (3) Physics (including Electricity and Magnetism)—100 ; (4) Construction—(*i*) Building Materials, (*ii*) Design of Structures, (*iii*) General principles governing the design of Railways, Roads, Harbours and other works—100 ; (5) Surveying—100 ; (6) Prime Movers—100 ; (7) Hydraulics and Hydraulic Machines—100.

The Electrical Engineering Department Examination.

(*a*) *Compulsory* :—(1) English (including Essay and Precis writing)—100 ; (2) General Knowledge—100 ; (3) Mechanical Engineering—200 ; (4) Applied Mechanics (including Strength of Materials and Theory of Structures)—100 ; (5) Electrical Engineering—200 ; (6) Viva Voce—300.

(*b*) *Optional—any two* :—(1) Physics (including Electricity and Magnetism)—100 ; (2) Applied Mathematics—100 ; (3) Surveying—100 ; (4) Electrical Communication Engineering—100.

The Signal Engineering Department Examination.

(*a*) *Compulsory* :—(1) English (including Essays and Precis writing)—100 ; (2) General Knowledge—100 ; (3) Electrical Engineering—200 ; (4) Electrical Communication Engineering —200 ; (5) Mechanical Engineering—200 ; (6) Viva Voce —300.

(*b*) *Optional—any two* :—(1) Construction—(*i*) Building Materials, (*ii*) Design of Structures, (*iii*) General Principles governing the design of Railways, Roads, Harbours and other Works—100, (2) Surveying—100 ; (3) Applied Mechanics (including Strength of Materials and Theory of Structures) —100 ; (4) Applied Mathematics—100.

MILITARY WING EXAMINATIONS

For

NORMAL HALF-YEARLY ENTRY COURSE

Nature of examination.

A Competitive examination held every six months before the commencement of each session in January and July, at Allahabad, Bombay, Calcutta, Delhi, Madras, Nagpur.

Whom to apply.

The Secretary, Union Public Service Commission, Parliament House, P. B. No : 186, New Delhi.

Qualifications.

(*a*) *Academic* :—A candidate must have passed :—

(*i*) the Intermediate examination of a University or Board approved by the Central or a State Legislature ; or

(*ii*) the first year examination under the three-year Degree Course of the Delhi University ; or

(*iii*) the Cambridge Higher School Certificate examination ; or

(*iv*) the Cambridge School Certificate examination and thereafter must have successfully completed one academic year in a recognised college.

Note :—Personnels serving in the Army who have passed Matriculation or equivalent examination are eligible to apply. Civilian personnels employed in the Army are excluded from the benefit of this concession.

(*b*) *Other* :—A candidate must be an unmarried male and must either be (*a*) a citizen of India ; (*b*) a Gurkha subject of Nepal ; or (*c*) a person who has migrated from Pakistan with the intention of permanently settling down in India ; or (*d*) a subject of Sikkim or of a Portuguese or French possession in India, and if he comes under category (*c*) or (*d*) must be a person in whose favour a certificate of eligibility has been given by the Government of India.

Age.

(*a*) *For Civilian Candidates* :—Between 18 and 21 years of age.

(*b*) *For Military Personnel* :—Between 18 and 24 years of age.

Fees.

Rs. 37/8/- (Rs. 9/6 for a Scheduled caste candidate) with the application. Only a Treasury Receipt or crossed Indian Postal Order for this amount is accepted. The Commission do not accept the fee in cash or by cheque.

Documents to be sent with the application.

(*i*) A treasury receipt for the amount of the examination fee ; (*ii*) A certificate of age ; and (*iii*) A certificate of educational qualifications in original.

Syllabus and Standard.

(*a*) *English* :—Includes Essay Writing, Precis Writing, Letter Writing, Question on grammar, etc. etc. Maximum Marks—300, Duration 2½ hours.

(*b*) *General Knowledge & Current Affairs* :—The paper is divided in two parts. Part A dealing mainly with current affairs and History, Part B dealing with Science and Geography. Maximum Marks—300 ; Duration 2½ hours.

(*c*) *Mathematics I* :—deals with Questions on Arithmetic only—Maximum Marks—150, Duration 2 hours.

(*d*) *Mathematics II* :—deals with Questions on Algebra and Practical and Theoretical Geometry. Maximum Marks—150 Duration—2 hours.

Question Papers in English and General Knowledge are of Intermediate Standard. Those in Mathematics are of Matriculation Standard. All papers must be answered in English unless otherwise expressly stated.

In order to qualify in the written Examination, candidates must obtain 33⅓ per cent. of marks in each subject and 50% in the aggregate.

Misc. Particulars.

(*a*) While the cost of training including accommodation, books, uniforms, boarding etc. is borne by the Government, candidates are expected to meet their pocket expenses themselves, which amounts to Rs. 40/- per month. In case of parents unable to bear these expenses financial assistance may be given by the Government.

(*b*) The candidates, who are successful in the examination, are called up for subsequent consideration and selection by a Services Selection Board and Medical Board. Selected candidates are admitted to the Academy and are given training for

two years after which they are granted regular Commissions. Those allotted to the Technical branches of the army are sent for further technical training at the Training School of their selected arms, after the grant of the Commission.

3. No candidate is normally permitted to resign whilst under training. A Civilian candidate who is not considered suitable to complete the full course of training may with the permission of the Army Headquarters as the case may be, be discharged. An army candidate under these circumstances is reverted to his regiment or corps.

4. Pay and allowances, pension, leave and other conditions of service after the grant of Commission, are identical to those applicable from time to time to regular officers of the service in which they are commissioned.

MILITARY WING EXAMINATIONS

For

TECHNICAL UNIVERSITY GRADUATES COURSE

Nature of Examination.

By Selection.

Whom to apply.

The Adjutant General, Army Headquarters, A. G.'s Branch New Delhi.

Duration of Course.

One year. Applications for selection are invited some time in July for the course commencing in January.

Purpose of the Course.

The purpose of the course is to give Military training to qualified Engineers and technicians for the Corps of Engineers ; Corps of Indian Electrical and Mechanical Engineers ; Corps of Signals and Corps of Remount, Veterinary and Farms (Farms Wing).

Qualifications.

(*a*) *Academic—I. For the Corps. of Engineers :*

(*i*) Passed Sections 'A' and 'B' of the Associate Membership Examination of the Institute of Engineers (India) or possess any other educational qualifications recognised by the Institution as exempting from passing Sections 'A' and 'B' of the Associate Membership Examination ; or

(*ii*) A final passing out certificate from I. M. N. T. S. "Dufferin" and the Second Mates B. O. T. Ticket or a certificate of satisfactory completion of apprenticeship from a recognised Marine Engineer Workshop as required by the B. O. T. ; or

(*iii*) First or Second Class Engineers certificate of competency awarded by the Board of Trade.

(*iv*) A degree in Marine Engineering.

II. For the Corps of Electrical and Mechanical Engineers :—

(*i*) Parts 'A' and 'B' of the Examination for Associate Membership of the Indian Institute of Engineer or such other examination as is accepted by the Institute in exemption thereof.

(*ii*) A degree in E. and M. of a recognised University.

(*iii*) A first class honours degree in Physics of a recognised University.

III. For the Corps of Signals :—

(*i*) An Engineering degree of a recognised University with line or wireless as one of the subjects ; or

(*ii*) A degree of a recognised University with line or wireless as one of the subjects ; or

(*iii*) An M. Sc. degree of a recognised University in Applied Physics with wireless or line as one of the subjects ; or

(*iv*) An I. E. E. degree of the Institution of Electrical Engineers, U. K. with line or Radio Communication as one of the subjects in Section 'B' or

(*v*) Associate Membership of the Institution of Engineers (India) with Electrical Communication Engineering as one of the subjects in Section 'B' or such other telecommunication qualifications which exempt examinations in Sections A and B of this Institution.

(*vi*) A first class honours degree in Physics of a recognised University.

IV. For the Corps of Remount Veterinary and Farms (Farms Wing) :—

A degree in Agriculture of a recognised University supplemented by the Indian Dairy Diploma.

Note :—Candidates possessing only a degree in Agriculture or only Indian Dairy Diploma are not eligible to apply.

(*b*) *Others* :—A candidate must either be :—

(*i*) a citizen of India, by birth or domicile ; or

(*ii*) a Gurkha subject of Nepal ; or

(*iii*) a one in whose favour a certificate of eligibility has been issued by the Government of India.

Age.

A candidate must be between the age of 21 and 27 years on the first day of the month in which a course is due to commence. Preference is given to unmarried males, but marriage is not permitted during the period of training at the Academy.

THE INDIAN AIR FORCE ACADEMY EXAMINATIONS

Nature of Examination.

A competitive examination held at Allahabad, Bombay, Calcutta, Delhi, Madras and Nagpur.

Whom to apply.

The Secretary, Union Public Service Commission, P.B. No. 186, Parliament House, New Delhi.

Qualifications.

(*i*) *Academic* :—A candidate must have passed one of the following examinations or possess one of the following certifi-

cates :—

(*a*) the Matriculation Examination of a recognised Indian University ; (*b*) an examination accepted by any such University as equivalent to a Matriculation examination for the purpose of admission to a University Course; (*c*) an examination held by a State Education Board at the end of the Secondary School Course for the award of a School Leaving, Secondary School, High School or any other certificate which is accepted by the Government of that State as equivalent to Matriculation Certificate for entry into its services ; (*d*) the Cambridge School Certificate Examination ; (*e*) any other examination which may be recognised by the Union Public Service Commission an equivalent to the above ; (*f*) the Indian Army Special Certificate of Education ; (*g*) the certificate issued by the Inter-Provincial Board for Anglo-Indian and European Education, to 9th standard students who joined the forces during the World War II ; (*h*) the Higher Educational Test of the Indian Navy ; (*i*) the Higher Secondary Technical Examination Certificate of the Delhi Polytechnic ; (*j*) the 10th class certificate from a Higher Secondary School in Delhi/Simla ; (*k*) Junior Examination of the Jamia Millia Islamia, Delhi, in the case of *bona fide* resident students of the Jamia only ; (*l*) Bengal (science) School Certificate ; (*m*) the Indian Air Force Educational Test for re-classification to leading Aircraftsman ; (*n*) the Anglo-Vernacular School Leaving Certificate (Burma) with eligibility for University Course : (*o*) The Burma High School Final Examination Certificate with eligibility for University Course ; (*p*) European High School Examination held by the State Governments ; (*q*) Ceylon Senior School Certificate Examination ; (*r*) School Leaving Certificate of the Government of Nepal ; (*s*) I.M.N.T.S. "Dufferin" Final Passing out Certificate ; (*t*) Post War School Leaving Certificate of Burma ; (*u*) Certificate granted by the East Bengal Secondary Education Board, Dacca.

Note :– Candidates who have appeared or intend to appear at any of the above Examinations may also apply for admission to the Examination. Such applications are accepted provisionally and successful candidates at the examination are required to furnish proof of their having passed that examination as soon as possible and in any case before they join the Academy.

(*ii*) *Other* :—A candidate must be an unmarried male and must either be :—

(*a*) a citizen of India ; or

(*b*) a Gurkha subject of Nepal ; or

(*c*) a person who has migrated from Pakistan with the intention of permanently settling down in India ; or

(*d*) a subject of Sikkim or of a Portuguese or French possession in India ;

and if he comes under category (*c*) or (*d*) must be a person in whose favour a certificate of eligibility has been given by the Government of India.

Age.

A candidate must have attained the age of 17 years and must not have attained the age of 21 on the date prescribed by the Commission. Candidates possessing "A" flying Licence must be between the ages of 17 and 24 years.

Fees.

Rs. 37/8/- (Rs. 9/6/- in the case of Scheduled caste candidate) with the application. Only a Treasury Receipt or crossed Indian postal orders for the amount of the fee is accepted by the Commission. Fee in cash or by cheque is not accepted.

Documents to accompany the application.

(*a*) A Treasury Receipt or crossed Indian Postal Orders for the amount of the fee ;

(*b*) A certificate of age ; and

(*c*) A certificate of Educational qualification in original ;

Syllabus.

(*i*) *English* :—The paper includes Essay writing, Precis writing, Grammer, etc., etc. Duration 2½ hrs—Maximum Marks 300.

(*ii*) *General Knowledge* :—The paper is divided in two parts —Part A dealing with Current Affairs and History ; Part B—dealing with Science and Geography—Duration 2½ hrs. Maximum Marks—300.

(*iii*) *Mathematics I*:—The paper includes questions on Arithmetic and Mensuration. Duration 2 hrs. Maximum Marks—150.

(*iv*) *Mathematics II* :—The paper includes questions on Algebra, Geometry, Duration—2 hrs. Maximum Marks--150.

Note :—The standard of these papers is approximately the same as that of a Matriculation Examination.

MINISTERIAL SERVICES

ASSISTANT GRADE EXAMINATION

Nature of Examination.

A competitive Examination held at Allahabad, Bombay, Calcutta, Delhi, Madras, Patna and Simla.

Whom to apply.

The Secretary, Union Public Service Commission, Parliament House, Post Box No. 186, New Delhi, with all the necessary documents, not later than the date announced.

Qualifications.

Academic :—(*a*) a degree of a recognised university ; or (*b*) the Cambridge Higher School Certificate ; or (*c*) a certificate of having passed an examination accepted by the Union Public Service Commission as equivalent to the degree examination of a recognised University.

Others :—(*a*) a national of the Indian by birth or by domicile or a ruler or citizen of a state or a person of any territory adjacent to India in whose favour a declaration of eligibility has been issued by the Government of India.

Age.

A candidate must be at least 20 and not more than 22 years of age (25 years in the case of Scheduled caste candidate) on thedate prescribed by the Commission.

S.C.E.R.T., West Bengal
Date.....
Acc. No.....

Fees.

Rs. 30/- (Rs. 7/8/- in the case of Scheduled caste candidate).

Scale of Pay.

Rs. 160—10—330—E.B.—15—450.

Subjects of Examination.

(1) *English* :—Time 3 hours.

(*a*) *English Essay* :—200 Marks—candidate is required to write an essay on one of several specified subjects.

(*b*) *Precis writing* :—100 marks—candidates are required to make precis of given correspondence or other matter.

(*c*) *Draft* :—100 marks—candidate is required to draft letters, memoranda, etc., making an intelligent use of given matter.

(2) *Arithmetic* :—Time 2 hours—marks 100. The questions are designed to test intelligence, accuracy and rapidity in working.

(3) *General Knowledge* :—Time 2 hours—100 marks. Candidate is required to give brief answers to questions concerning current events, common phenomena and matters of everyday interest or common knowledge.

S.C.E.R.T., West Bengal
Library
Calcutta
25/3, B. C. Road

ALL INDIA RADIO SERVICES

1. STATION DIRECTOR

Nature of Examination.

By Selection.

Whom to apply.

The Secretary, Union Public Service Commission, Parliament House, New Delhi.

Qualifications.

(1) **Essential** : (*a*) Degree of a recognised University with good academic record ; (*b*) A good cultural background to direct broadcasting with discretion and efficiency

(*c*) Considerable administrative ability, capacity for leadership and initiative ; (*d*) Ability to organise public relations ; (*e*) Evidence of a grasp of Indian and world affairs.

(*ii*) **Desirable** (*a*) Knowledge of at least two Indian languages ; (*b*) Education abroad and travel.

Age limits.

Below 45 years.

Pay Scale.

Rs. 760—40—1000—EB.—1050—1100—1150 — 1200 — Selection Grade—1250—50—1500.

2. ASSISTANT STATION DIRECTOR

Nature of Examination.

The same as under No. I

Whom to apply.

The same as under No. 1

Qualifications.

(*i*) **Essential :** (*a*) A degree of a recognised university, (*b*) Wide cultural background, with literary and artistic qualifications to originate and guide Radio programmes ; (*c*) Live interest in current affairs and contemporary thought ; (*d*) Administrative ability ; (*e*) Sound knowledge of one or more Indian languages ; (*f*) Must be alert and have a good personality.

(*ii*) **Desirable :** (*a*) Experience in Journalism or in a publicity organisation ; (*b*) Knowledge of music, Indian and/or Western ; (*c*) Experience of literary or dramatic work

Ags limits.

Below 35 years—Relaxable for Government servants.

Pay Scale.

Rs. 450—25—500—EB.—30—800.

3. PROGRAMME EXECUTIVE

Nature of Examination.

The same as under 1

Whom to apply.

The same as under 1

Qualifications.

(*i*) **Essential.** (*a*) A degree of a recognised University, with a good academic record. (*b*) Capacity for leadership, Organisation and public relations and administrative ability, (*c*) Evidence of wide general knowledge, sound grasp of Indian and world affairs and cultural trends, (*d*) Alertness and good personality ; (*e*) Sound Knowledge of at least one Indian language.

(*ii*) **Desirable.** (*a*) Administrative or production experience in a broadcasting or Publishing or film organisation ; (*b*) Knowledge of additional Indian or foreign languages ; (*c*) Knowledge of music, Indian or Western.

Age Limits.

Between 30 and 35 years.

Pay Scale.

Rs. 350—25—500—EB,—30—650.

4. PROGRAMME ASSISTANT

Nature of Examination.

The same as under No. 1

Whom to apply

The same as under No. 1

Qualifications.

The minimum academic qualification is a good degree from a recognised University, which might be relaxed in very special cases. Candidates must possess sound General Knowledge

a good command of English and sufficient knowledge of Gujarati/Marathi (for Bombay), Hindi/Marathi (for Nagpur), Hindi/Gujarati (for Ahmedabad). Some experience of literary and/or dramatic work and/or music is necessary. A fairly wide cultural background and efficiency in the art of presentation and production is necessary beside ability to carry on a certain amount of administrative work.

Age limits.

Candidates below the age of 30 years are preferred. Women are eligible for appointment.

Pay Scale.

Rs. 280—15—340—E.B.—20—400—E.B.—20—500. Candidates are also entitled to dearness allowance and any other allowances, etc., sanctioned by the Government of India from time to time.

5. TRANSMISSION ASSISTANTS

Nature of Examination.

The same as under No. 1

Whom to apply.

The same as under No. 1

Qualifications.

Candidates must be graduates. They must possess sound general knowledge with ability to converse fluently and faultlessly in English and Gujarati/Marathi (for Bombay), Hindi/Marathi (for Nagpur), Hindi/Gujarati (for Ahmedabad). Some experience of literary and/or artistic work is desirable.

Age limits.

Candidates below the age of 30 are preferred. Women are also eligible for appointment.

Pay Scale.

Rs. 250—15—340—E.B.—20—400. Candidates are also entitled to dearness allowance and any other allowances, etc., sanctioned by the Government of India from time to time.

6. ENGINEERS

Nature of Examination.

The same as under 1

Whom to apply.

The same as under 1

Qualifications.

(*a*) First class degree in Engineering or Physics, (*ii*) Two years' experience in Radio Engineering.

Pay Scales.

(*a*) **Assistant Engineers.** Rs. 350—25—450—E.B.—25—650.

(*b*) **Assistant Station Engineers (Gazetted)** Rs. 450—25—500—E.B.—30—710.

(*c*) **Station Engineer (Gazetted)** Rs. 600—40—800—E-B.—40—1000—1050, plus Rs. 100 Special Pay.

Note :—Appointments to posts (*b*) and (*c*) are ordinarily made by promotion from post (*a*).

THE TRAINING SHIP "DUFFERIN" ENTRANCE EXAMINATION

Nature of Examination.

Competitive examination.

Whom to apply.

The Secretary to the Governing Body, Training Ship "Dufferin", Mazgaon Pier, Bombay 10.

Qualifications.

(1) A candidate must have passed Matriculation examination or must possess a certificate of an examination of a recognised University of a standard not lower than the Matriculation, with Mathematics. (2) The candidate must be an Indian National.

Age Limit.

A candidate must be between the ages of 15 years and 17 years on the 1st July of the year immediately preceding the year of entry into the "Dufferin".

Examination fee.

Rs. 10/- with application

Usual last date of application.

15th September.

Usual time of examination and Place.

November each year at Bombay, Calcutta, Gauhati Delhi, Lucknow, Madras, Nagpur and Patna.

Certificates to be sent with the application.

(*i*) Date of Birth certificate in original or any other satisfactory evidence of date of birth ; (*ii*) Matriculation certificate or equivalent thereof ; (*iii*) Medical certificate of bodily fitness from a Govt. Medical Officer not below the rank of Assistant Surgeon ; (*iv*) certificates of good character in original from two respectable persons.

Syllabus.

(1) English—3 hours—100 marks ; (2) Geography—2 hours—75 marks ; (3) Arithmetic—2 hours—50 marks—; (4) Algebra—2 hours—50 marks ; (5) Geometry and Trigonometry—2 hours—50 marks ; (6) General Knowledge—1½ hours—75 marks.

Misc Details.

The candidates who pass the qualifying examination, have to proceed to Bombay at their own expense for an interview with the Selection Board and also a medical examination for final selection to the Training ship "Dufferin" course, about the end of January and selected candidates have to join the ship on or about 1st February.

POST ADMISSION DETAILS

Uniform.

On joining the Training ship, a cadet has to buy from the ship's contractors all clothes and kit prescribed by the authorities. The cost of such equipment is about Rs. 400/-.

Fees.

The fees are Rs. 50/- per month, payable in advance for each term. The first term's fees payable before the 1st February amount to Rs. 212/-, the second term's fees payable before 1st September amount to Rs. 200/-. These fees include board, lodging, tuition and Medical attendance. Urgent necessary expenditure are to be met and charged to the parents in the account, but the parents are informed of the amount and asked to remit the amount immediately.

In addition to above monthly fees, a sum at the rate of Rs. 25/- approximatly per month is required to be paid by the parents for the cadets personal expenses.

Scholarships and Prizes.

There are a large number of scholarships awarded to the cadets by State Governments and private companies. Also several Prizes and medals are granted every year. To have full details of these, a reference may be made to the Prospectus of the "Dufferin Entrance" examinations.

Prospects for Dufferin Apprentices.

(*i*) The Possession of a "Passing out certificate of the Training ship "Dufferin" is recognised by the Governments of India and the United Kingdom, as equivalent to one year's sea service.

(*ii*) The principal shipping companies grant facilities to the Dufferin cadets to proceed to sea as apprentices. Many companies accept as officers in their companies, such apprentices who have passed through the "Dufferin" completed their apprenticeship at sea with satisfaction, and obtained the necessary certificate of competency.

(*iii*) Appointments to the Hooghly River survey are now made direct from "Dufferin" cadets.

THE PUNJAB CIVIL SERVICE

(EXECUTIVE BRANCH)

Nature of Examination.

A competitive examination held in October every year.

Whom to apply.

A candidate must send an application on or before the 1st April to the Deputy Commissioner of his district at any time together with (*a*) satisfactory evidence that he possesses a degree of a recognised university not lower than the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Commerce; (*b*) a certificate from a recognised university showing the date of his birth as recorded in the University Register or in a Matriculation pass certificate; (*c*) a certificate of character from the principal academic officer of his university or college, and certificates of character from two responsible persons, not being his relations, who are well-acquainted with him in private life and unconnected with his university or college, for registration of his intention to appear in the examination.

Note :—The Deputy Commissioner, on receipt of an application and if he is satisfied that the evidence and certificates are satisfactory and in order, shall enter the name of the applicant in his register. This list of candidates is forwarded by the Deputy Commissioner to the Secretary, East Punjab Public Service Commission, by the fifteenth day of April each year for consideration.

Qualifications.

(*i*) B. A., B. Sc., or B. Com degree of a University incorporated by law in India or any of the following Universities of Birmingham, Bristol, Cambridge, Durham, Leeds, Liverpool, London, Manchester, Oxford, Sheffield, Wales, Aberdeen, Edinburgh, Glasgow, St. Andrews, and Dublin, and the Queen's University of Belfast.

(*ii*) (*a*) A domicile of the Punjab or Delhi. The condition requiring a Punjab or Delhi domicile may be waived in the case of a European or an Anglo-Indian candidate if it is satisfactorily proved that such candidate was born of parents habitually

resident in India and not established there for temporary purposes only.

(*b*) A subject of a State in India in political relation with the President of India through the Resident for the Punjab States ; and

(*c*) A British subject as defined in section 1 of the British Nationality and Status of Aliens Act, 1914.

Note :—(*i*) A person who does not possess the qualification required under Para 3 (*i*) may notwithstanding apply to be permitted to sit for the examination provided the Principal of his college certifies that the candidate is about to sit for one of the degree examination referred to above. If the application is otherwise in order, the Deputy Commissioner shall enter the candidate's name provisionally. The candidate must submit to the Deputy Commissioner a certificate from the Registrar of the University or such other evidence that he as passed one of the degree examinations. If such certificate hor evidence is not received by the Deputy Commissioner by the 1st of August, the candidate will not be permitted to sit for the examination and his name will be removed from the Register. Oni recipt of the certificate referred to above, the Deputy Commssioner shall transmit it without delay to the Secretary, Punjab Public Service Commission.

(*ii*) A Government servant who is holding substantively a ministerial appointment in the Punjab Government Secretariat or in any office subordinate to the Punjab Government, or the High Court or any Court subordinate thereto, shall be eligible to appear in the examination if he possesses a degree of recognised University not lower than the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Commerce, has not attained the age of 35 years and has not less than 4 year's service under Government on the first day of October next succeeding the date on which the application is received by the Deputy Commissioner. Such a candidate should apply through the head of his office, to the Deputy Commissioner of the district in which he is serving on or before the 31st March.

Age Limits.

A candidate must have attained the age of 21 years and must not have attained the age of 25 years on the 1st day of October of the year of examination.

Examination Fees.

If any person whose name has been forwarded to the Commission by the Deputy Commissioner wishes to appear in examination in the following October, he should not later than the first day of August, or any subsequent date as may be prescribed by the Punjab Government in his behalf pay into any Government treasury or sub-treasury in the Punjab an examination fee of fifty rupees or in the case of Scheduled caste candidates one-fourth of this amount, which in no circumstances is refunded, and should by such date submit to the Secretary, Punjab Public Service Commission, a notice in writing of his intention to appear at the examination, and shall send therewith the treasury receipt for the examination fee, and the Secretary, Punjab Public Service Commission shall forward to such person an admission certificate, which such person is required to produce on the first day of the examination.

Subjects.

(*i*) *Compulsory Subjects :*	*Maximum Marks.*
(*a*) English	150
(*b*) English Essay	50
(*c*) General Knowledge including Every day Science	100
(*d*) British Administration in India from 1858 to the Present day	100
(*e*) Viva Voce	200

(*ii*) *Optional Subjects* :—

(*a*) English Literature, Period I
(*b*) English Literature, Period II
(*c*) Indian History, Period I
(*d*) Indian History, Period II
(*e*) English History and European History in outline from 1453
(*f*) Pure Mathematics
(*g*) Applied Mathematics
(*h*) Economics
(*i*) Physics
(*j*) Chemistry
(*k*) Applied Chemistry . . 100
(*l*) Botany . . 100
(*m*) Zoology . . 100
(*n*) Arabic . . 100
(*o*) Persian . . 100
(*p*) Sanskrit . . 100
(*q*) Latin . . 100
(*r*) Ethics & Psychology . . 100
(*s*) Civil Law . . 100
(*t*) Criminal Law . . 100
(*u*) Agriculture . . 100
(*v*) Political Science . . 100
(*w*) Geography. . . 100

Note :—1. The examination includes both compulsory and optional subjects and every candidate is required to take all the compulsory subjects and not more than three of the optional subjects listed above.

2. A candidate is required to specify in his application form the optional subjects he desires to take, but may intimate any change of intention to the Secretary, Punjab Public Service Commission, not later than the 1st day of August preceding the examination.

3. The standard and contents of the papers is similar to that of the B. A., B. Sc. examination of the East Punjab University except that in the case of Law papers L L. B. degree standard is kept in view.

4. All the papers, except Eeglish Essay, are each of three hour's duration. The time allowed for the Essay is two hours. The answers must be written in English unless otherwise directed.

5. If a candidate's handwriting is not easily legible a deduction, which may be considerable, from the total marks otherwise accruing to him may be made.

The *viva voce* test is held only for those candidates who have passed the written examination successfully. The

test is meant to test the personal qualities of the candidate. This examination includes matters of general interest and is intended to test the candidate's alertness, intelligence and general outlook. Consideration is also paid to the bearing and physique of the candidate. This test is held some time in January.

Medical Test.

No candidate whose name has been finally selected for entry into the Service is accepted for appointment unless he has during the year in which he was selected appeared, for medical examination before the Standing Medical Board and has been declared by such Board to be physically fit for the duties which he will have to perform as a member of the Service.

WEST BENGAL CIVIL SERVICE EXAMINATIONS

Entry by Ccompetition in the Vacancies of :—

(1) West Bengal Civil Service (Executive).

(2) West Bengal Excise Service.

(3) West Bengal Police Service.

(4) West Bengal Junior Civil Service.

(5) West Bengal Junior Excise Service.

(6) Upper Division Secretariat Clerical Service.

(7) Sub-Registrars in the Registration Department.

Whom to Apply.

The Secretary, Public Service Commission, West Bengal, Anderson House, Alipore, Calcutta, 27.

Qualifications.

Women are also eligible.

(*i*) (*a*) Candidates permanent domicile in the State of West Bengal.

(*b*) Bengalee descent but not domiciled in West Bengal.

(*c*) Bengalee Refugees from Pakistan.

(*d*) Bengalee descent who are continuing to stay in Pakistan.

(*e*) Candidates coming from acceding States, now acceding States or any tribal area or territory adjacent to India, or any friendly State.

For those falling in categories (*b*) to (*e*) a declaration of eligibility by the Government of West Bengal is necessary.

(*ii*) that they are graduates of recognised University.

(*iii*) that they are of good character, and

(*iv*) that they are of sound health, good physique, active habits and free from organic defects or bodily infirmity.

Age Limits.

Below 22 years and 23 years.

Application Forms.

The Secretary, Public Service Commission, West Bengal, Anderson House, Alipore, Calcutta 27, personally or by post.

Certificates.

(*i*) Diploma or certificate of graduation in original with copy thereof.

(*ii*) Matriculation certificate in original with copy thereof.

(*iii*) A certificate of private character stating that the candidate belongs to one of the two classes mentioned above.

Any or more of the following certificates in the case of women candidates.

(*i*) A certificate of age in original with copy thereof.

(*ii*) An affidavit regarding her age in original or (with a a copy thereof) sworn by her father/mother or some other person in a position to know by having been present or heard of her birth.

(*iii*) A certificate regarding her age, in original, with a copy thereof, from a member of the Central or Provincial Legislature or a Gazetted Officer who must have known the candidate and her family.

Examination Fee.

Rs. 50/- to be deposited with the Reserve Bank of India and receipt forwarded to the Secretary P. S. C. W. B.

Syllabus.

I. Compulsory Subjects :— *Max. Marks*

1. (*a*) Translation from English into Bengali, Nepali, Hindi, Urdu, French or German. 100

(*b*) Translation from Bengali, Nepali, Hindi, Urdu, French or German into English 100

2. English Composition 200

3. Elementary Mathematics (chiefly problems) 200

4. General Paper 100

5. An outline of Modern India and English Constitutional Law—

(*a*) Indian Constitutional Law	125	
(*b*) English Constitutional Law	75	200
Total		1000

II. Optional Subjects :—Any two or more of the following subjects such that the number of marks for all the subjects taken under this head (excluding additional optional subject, Bengali Composition) must not exceed 600 marks.

1. English Literature—300. (*a*) General History of English Literature—150. (*b*) English Literature from 1832 to the present day—150.

2. Mathematics—300. (*a*) Pure—150. (*b*) Mixed—150.

3. Physics—300. (*a*) General, Heat, Light—150. (*b*) Magnetism, Electricity—150.

4. Chemistry—300. (*a*) Inorganic—150. (*b*) Organic—150.

5. One classical language chosen Latin, Greek, Sanskrit, Arabic, Persian, Pali or Urdu (for those whose mother-tongue it is not)—300.

6. History—300. (*a*) Indian—150. (*b*) English Euro-

7. Philosophy—300. (*a*) Metaphysics and Ethics—150. (*b*) Psychology—150.

8. Economics—300. (*a*) Political Economy—150. (*b*) Economic History and application to India—150.

9. Botany—300. (*a*) and (*b*) two papers—180 each.

10. Geology—(*a*) and (*b*) two papers—150 each.

11. Physiology. (*a*) and (*b*) two papers—150 each.

12. Zoology. (*a*) and (*b*) two papers—150 each.

13. History of Islam—300. (*a*) General Islamic History —150. (*b*) Islamic Philosophy and culture—150.

14. Constitutional History of England and the Empire —150.

15. Ancient Indian History and Culture—150.

16. Political Theory and Political Organisation—150.

17. Anthropology—150.

18. Comparative Philology—150.

19. Bengali Language and Literature—150.

20. Geography—150.

21. International Law, Jurisprudence and Principles of Legislation.

22. Hindu Law and Mohammedan Law—150.

23. Statistics—150.

24. Advanced Accountancy and Auditing—150.

25. Mercantile Law—150.

III. Additional Optional Subjects :—There is an additional optional paper in Bengalee Composition of 200 marks. A candidate must offer this paper in addition to the compulsory and optional papers stated above and if he/she secures more than 100 marks in this paper, the excess over 100 are added to his/her total marks for the purpose of determining his/her place in the list in order of merit.

(*i*) There are two papers in each of the optional subjects 1—13 and one paper only in each of the remaining subjects.

(*ii*) If a candidate fails to secure 25 per cent. of the marks in any one of the optional subjects selected, he/she shall secure no marks in that subject.

(*iii*) In awarding marks in all the subjects the candidate's knowledge of English, as shown by the answers, is taken into account.

(*iv*) Ten per cent. of the marks obtained in any paper is subject to deduction for bad writing and untidiness.

(*v*) There is one paper in each of the compulsory subjects. No candidate is considered from Government unless he/she secures 33⅓ per cent. of the marks in each of the first two compulsory subjects, and unless he/she secures at least 80 marks in the Viva Voce test ; if he/she does not secure 25 per cent. of the marks in any of the other three compulsory subjects, he/she scores no marks in that subject.

There is a *Viva Voce* test, the maximum marks for which are 200, the minimum qualifying marks being 80. The test is confined to a required number of candidates who stand highest in the written examination and the marks awarded at the Viva Voce test are added to those secured at the written examination.

The Viva Voce examination will be in matters of general interest, not in matter of academic interest ; it is intended to test the candidate's alertness, intelligence and general outlook.

PUBLIC SERVICE COMMISSION

UTTAR PRADESH

Nature of Examination.

A competitive examination held at Allahabad in December.

Whom to Apply.

The Secretary, Public Service Commission, Uttar Pradesh, Allahabad.

Qualifications.

(*i*) Graduate of a University established by law in the U.P. or any other University recognised for the purpose by the Governor, Uttar Pradesh (The B.A. and the B.Sc. degrees of Universities outside the U.P. established by law in India, the Shastri degree of Kashi Vidyapitha, Banaras and the Sands (B.A.) of Jamia Millia, Delhi, have been so recognised.

(*ii*) Bona fide residents of U.P. or displaced persons registered in U.P.

(*iii*) Sound mental and bodily health.

Age Limit.

Between the ages of 21 and 24. The upper age limit is relaxed by three years in the case of Scheduled caste and may be relaxed in the case of displaced persons, and upto four years for political sufferers.

Scale of Pay.

Rs. 300—25—400 E.B.—30—700 E.B.—50—880

Certificates Required.

(1) Certificate of age.

(2) Certificates of educational qualifications.

(3) A certificate of character from the principal academic officer of the educational institution last attended.

(4) Certificates of character from the responsible persons.

(5) A Treasury receipt for Rs. 5 on account of the application fee.

(6) A Treasury receipt for Rs. 50 on account of the examination fee (Rs. 30 in case of Scheduled caste candidates).

(7) Index card.

(8) Abstract of the Application.

(9) Application Form.

(10) Interview Memo.

(11) The Selection Form.

(12) Other documents or document asked for by the Commission.

Note ;—Forms mentioned under items Nos. 7 to 11 can be had from the Commission direct.

Subjects.

(*1*) *Compulsory* (*a*) General English, (*b*) General Knowledge, (*c*) Hindi.

2. *Optional Subjects* : 1. Arabic Language (200), (2) Arabic civilization (200) 3. Persian Language (200) 4. Persian civilization (200) 5. English Language (200) 6. Sanskrit civilization (200) 7. English Literature (General) (200), Civilization (200) 8. English Literature, Period I (100) 9. English Literature Period 2 (100) 10. English Literature Period 3 (100) 11. English Literature, Period 4 (100) 12. Vernacular Literature, namely, Hindi & Urdu (200) 13. Indian History, Period, 1 (100) 14. Indian History, Period 2 (100) 15. Indian History, Period 3 (100) 16. Modern European History, Period 1 (100) 17. Modern European History, Period 2 (100) 18. English History, Period 1 (100) 19. English History, Period 2 (100) 20. English History, Period 3 (100) 21. General Economics (200) 22. Economic History, (100) 23. Public Economics (100) 24. Commerce (1) (100) 25. Commerce (2) (100) 26. Political Theory (100) 27. Political Organisation (100) 28. Law (200) 29. Hindu & Mohammedan law (100). 30. Moral Philosophy (100) 31. Meta Physics (100) 32. Logic (100) 33. Indian Philosophy (100) 34. Lower Mathematics (Pure & Applied) (200) 35. Higher Mathematics (Pure) (200) 36. Higher Mathematics (Applied) (200) 37. Statistics (100) 38. Lower Chemistry (200) 39. Higher Chemistry (200) 40. Lower Physics (200) 41. Higher Physics (200) 42. Lower Botany (200) 43. Higher Botany (200) 44. Lower Geology 45. Higher Geology (200) 46. Lower Zeology (200) 47. Higher Zeology (200) 48. Advanced Geography (200) 49. Psychology (100) 50. Agriculture (200).

General Instructions.

1. Candidates are allowed to take up subjects in the above selection from up to a total of 600 marks.

2. The civilization with a language can only be taken by candidates who also offer the language itself.

3. No candidate can offer Arabic and Persian.

4. In English literature (subjects 7 to 11), a candidate may not offer subiects carrying a total of more than 400 marks. Thus a candidate who offers English literature (General) (subject 7) cannot offer more than two periods of English Literature (subjects 8 to 14).

5. No candidate can offer both European History & British History.

6. Of the three periods of Indian History only two may be offered.

7. Of the three periods of British History only two may be offered.

8. As Vernacular literature, a candidate may offer the literature of either Hindi or Urdu, but not both.

9. Originals of the certificates need not be sent with the application Form, but copies thereof duly attested by a gazetted officer in service with his designation shown below his signatures be sent. However candidates are required to bring original certificates with them at the time of interview.

10. The candidates have to proceed to interview and back home at their own expenses.

11. The candidates finally selected are required to submit direct to Government certificate of nationality, domicile and residence signed by the District Officer of the District in which they reside.

12. Only one application be sent in one cover. If the candidate desires an acknowledgment, he must send his application "Registered Acknowledgment due" ; no application is otherwise acknowledged.

13. Candidates are informed of the result of their application in due course and any inquiry about the result is ignored.

14. Any attempt on the part of a candidate to enlist the support of any of his her relatives will disqualify a candidate.

15. A candidate found to have knowingly suppressed particulars and kept back any material information is disqualified and if appointed is liable to dismissal.

16. Applications received after the "closing date for receipt of applications" are liable to rejection and no appeal against their rejection is entertained.

17. Candidates selected for examination are informed of the dates and programme of the examination in due course.

18. Only those candidates who qualify at the written test are called for Viva Voce test and a maximum of 200 marks are awarded to each candidate for his suitability for appointment in respect of character, personality, address and physique.

19. Government Servants otherwise qualified can apply with the consent of the Head of the Deptt. of the Govt. under whom they are serving and through whom then applications must be submitted.

20. Women are also eligible.

U.P.

ACCOUNTS SERVICE RULES

Nature of Examination.

By competitive examination held by the Commission.

Whom to apply.

The Secretary, U.P. Public Service Commission, Allahabad,

Qualifications.

(*i*) *Academic* :—A degree of a university established by law in the U.P., or of any other university recognised for this purpose by the Government of India.

(*ii*) *Others* :—(*a*) a national of the Indian Union whose original domicile is in the United Provinces, provided he has not acquired a domicile elsewhere ; or

(*b*) a national of the Indian Union whose original domicile is not in the United Provinces, but who has acquired a domicile in the Uttar Pradesh, and has resided there for not less than five years at the date on which he applies for recruitment to the service or post ; or

(*c*) the ruler, a citizen of an Indian State or a native of a territory adjacent to India in respect of whom or which a declaration has been made by the Governor of the Uttar Pradesh ; or

(*d*) a person of Indian descent or a citizen of the Pakistan Dominion in whose favour a declaration of eligibility has been issued by the Governor of the Uttar Pradesh.

Age Limits.

A candidate must have attained the age of 22 years and must not have attained the age of 25 years on the first day of January following the calendar year in which the competitive examination is held.

Scale of Fees.

I. To be paid to the Commission.

Application Fee:—(*a*) Rs. 5 payable in the two instalments —Re. 1 with the requisition for application and Rs. 4 with the application when it is filed.

(*b*) *Examination Fee* :—Rs. 50 from candidates other than Scheduled caste candidates and Rs. 30 from Scheduled caste candidates.

II. To be paid to the Medical Board :—Rs. 16 before examination by the Medical Board.

Syllabus of the Examination.

(*i*) *Compulsory Subjects* :—(1) Essay marks—150. (2) English marks—150. (3) General Knowledge marks—150. (4) Elementary Geography marks—100 ; (5) Elementary Mathematics marks—100 ; (6) Hindi marks—150.

(*ii*) *Optional Subjects* :—(7) Pure Mathematics—200 ; (8) Applied Mathematics—200 ; (9) Chemistry—200 ; (10) Physics—200 ; (11) English Literature (General)—200 ; (12) Indian History—200 ; (13) British History—200 ; (14) General Economics—200 ; (15) Commerce—200 ; (16) Statistics—200; (17) Any one of Sanskrit, Arabic or Persian—200.

(*iii*) Viva Voce—200.

Note :—(*a*) The standard of the examination is that of a Bachelor's degree.

(*b*) If a candidate's handwriting is not legible, a deduction is made on this account from the total marks otherwise accruing to him.

(*c*) A candidate is allowed to take optional subjects upto a total of 600 marks. A candidate who takes Physics or Chemistry as an optional subject must produce a certificate that he has undergone, after passing the Intermediate or equivalent examination, laboratory training for a period of one year in an institution authorised to prepare candidates in that subject for a university degree. The certificate must be signed by the head of the Institution.

THE SUBORDINATE REVENUE EXECUTIVE SERVICE
(Naib Tahsildars)

Nature of Examination.

Competitive Examination.

Whom to apply.

The Secretary, U.P. Public Service Commission, Allahabad.

Qualifications.

(*i*) *Academic* :—Intermediate Examination of the Board of High School and Intermediate Education, United Provinces, or an examination declared by the Governor as equivalent there to.

(*ii*) *Others* :—(*a*) a national of the Indian Union whose original domicile is in the Uttar Pradesh, provided he has not acquired a domicile elsewhere ; or

(*b*) a national of the Indian Union whose original domicile is not in the Uttar Pradesh, but who has acquired a domicile in the Uttar Pradesh and has resided there for not less than five years at the date on which he applies for recruitment to the Service or post ; or

(*c*) the ruler or a subject of an Indian State or a native of a tribal area or territory adjacent to India, in respect of whom a declaration of eligibility has been made by the Governor of the Uttar Pradesh.

Age Limits.

A candidate must have attained the age of 21 years and must not have attained the age of 24 years on the first day of January next following the date of commencement of the examination by the Commission.

Scale of Fees.

(*i*) *Application Fee* :—Rs. 5/- payable in two instalments Re. 1/- with the requisition for the application form and Rs. 4 with the application when it is filed.

(*ii*) *Examination Fee* :—Rs. 25 for candidates other than Scheduled caste candidates ; Rs. 15 for Scheduled caste candidates.

Syllabus of the Examination.

(*a*) *Compulsory subjects* :—(1) English Composition—100 ; (2) Hindi Composition—100 ; (3) General Knowledge (including simple science).

(*b*) *Optional subjects* :—General Indian History—100 ; (2) General Geography—100 ; (3) Elementary Physics and Chemistry—100.

(*c*) *Viva Voce*—100.

Note :—(*i*) The Paper in the case of each of the subjects mentioned in Sections (*a*) and (*b*) above shall be of 3 hours duration.

(*ii*) A candidate has to take all subjects mentioned under section (*a*) and any one subject under section (*b*) above.

(*iii*) The Viva Voce test is held if the candidate has successfully passed the written examination, otherwise not.

SUB-REGISTRAR'S SERVICE

Nature of Examination.

Competitive Examination.

Whom to apply.

The Secretary, U.P. Public Service Commission, Allahabad.

Qualifications.

(*i*) *Academic* :—Intermediate Examination in Arts, Science, Commerce or Agriculture of the Board of High School and Intermediate Education, United Provinces, or an examination recognised by the Governor as equivalent thereto, and must be reasonably familiar with Hindi and Urdu and with Urdu and Nagri scripts.

(*ii*) *Others* :—(*a*) a natural born Indian National the domicle of origin of whose father is in the Uttar Pradesh and who himself is domiciled in the U.P., or

(*b*) a natural born Indian National, the domicile of origin of whose father was not the U.P., but who or whose father has acquired a domicile in the U.P., provided that the candidate himself has, after such acquisition, resided in the U.P., for not less than five years at the date on which he applies for recruitment to the Service or post ; or

(*c*) a natural born Indian National who was born in the U.P., and whose father is (or, if dead, was at the time of his death) employed in any department of the Central Government, and is, or was, liable to inter-Provincial transfers, provided that he has himself resided in the U.P., for three continuous years immediately preceding the date of application for appointment ; or

(*d*) the ruler or a subject of a Indian State or a native of a tribal area or territory adjacent to India, in respect of whom or which a declaration has been made by the Governor of the Uttar Pradesh.

Age Limits.

A candidate must have attained the age of 23 years and must not have attained the age of 27 years on the first day of April of the financial year following that in which the examination is held.

Scale of Fees.

(1) *Application fee* :—Rs. 5 payable in two instalments—Re. 1 with the requisition for application form and Rs. 4 with the application when it is filed.

(2) *Examination fee* :—Rs. 25 for candidates other than Scheduled caste candidates, and Rs. 15 for Scheduled caste candidates.

Syllabus of the Examination.

(1) English—100 marks—3 hours ; (2) General Knowledge—100 marks—3 hours ; (3) Indian Languages—100 marks—3 hours ; (4) Viva Voce—50 marks.

GENERAL SECRETARIAL NON-GAZETTED MINISTERIAL STAFF SERVICES

Nature of Examination.

Competitive.

Whom to apply.

The Secretary U.P. Public Service Commission, Allahabad.

Names of Posts.

(1) Upper Division Assistants ; (2) Translators ; (3) Journalists ; (4) Lower Division Assistants ; (5) Hindi and Urdu Typists ; (6) Stenographers.

Qualifications.

(1) *For Upper Division Assistants* :—Degree of a University established by law in the Uttar Pradesh or any other University recognised by the Governor of the U.P., or the Cambridge School Certificate Examination prescribed for European schools.

(2) *Translators (Hindi and Urdu)* :—Degree of a University as above. A candidate for this post must have taken any one of the following languages, namely, Urdu, Hindi, Persian, Sanskrit, Arabic, in the degree examination.

(3) *Journalists (Hindi and Urdu)* :—(*a*) Degree of a University with special Proficiency in Urdu or Hindi, preference being given to a candidate who has taken one of the following languages, namely, Urdu, Hindi, Persian, Sanskrit, Arabic, in the degree examination.

(*b*) At least two years experience as a journalist on the editorial staff of one or more newspapers or journals.

(4) *Lower Division Assistants* :—High School Examination.

(5) *Hindi and Urdu Typists* :—High School.

(6) *Stenographers* :—Intermediate Examination.

Age Limits.

A candidate should not be less than the minimum and not more than the maximum years of age given below on the 1st day of January of the year in which the examination is held.

Name of Post	*Minimum*	*Maximum*
(1) Upper Division Assistants	21 years.	24 years.
(2) Translators	do.	do.
(3) Journalists	32 years.	30 years.
(4) Lower Division Assistants	18 ,,	23 ,,
(5) Hindi and Urdu Typists	18 ,,	23 ,,
(6) Stenographers	21 ,,	30 ,,

Pay Scales.

(1) *Upper Division Assistants* :—Rs. 100—8—810—E. B.—15—240.

(2) *Translators* :—Rs. 100—8—180—E. B.—15—240.

(3) *Journalists* :—Rs. 100—8—180—E. B.—15—240.

(4) *Lower Division Assistants* :—Rs. 50—2—60—4—100.

(5) *Hindi and Urdu Typists* :—Rs. 50—2—60—4—100.

(6) *Stenographers* :—

(*a*) *Reporters' Grade* : Rs. 200—10—300.

(*b*) *Non-Reporters Grade* : Rs. 100—10—200.

Examination Fees.

(*i*) *Application Fee* :—Rs. 5. (Payable in two instalments—Re. 1 with requisition for application form and Rs. 4 with the application).

(*ii*) *Examination Fee* :—As per table given below.

Post	*For Candidates of Non-scheduled castes.*	*For Scheduled caste Candidates.*
(*a*) Upper Division Assistants.	Rs. 25	Rs. 15
(*b*) Translators.	Rs. 25	Rs. 15
(*c*) Journalists.	Rs. 10	Rs. 5
(*d*) Lower Division Assistants.	Rs. 25	Rs. 15
(*e*) Hindi and Urdu Typists.	Rs. 10	Rs. 5
(*f*) Stenographers.	Rs. 10	Rs. 5

Syllabus.

(*a*) *For Upper Division Assistants* :—(1) Essay—100 ; (2) General English—100 ; (3) General Knowledge—100 ; (4) Precis-writing—100 ; (5) Drafting—100.

(*b*) *For Translators* :— *Paper I*—Translation from English into Urdu or Hindi, consisting of :

(*i*) Translation from English into Urdu or Hindi of an extract from a Press Communique, Press Article or Government Resolution.

(*ii*) Translation from English into Urdu or Hindi of a section or some sections of an Act of the Legislature ; and

(*iii*) Explanation of common expressions, eliches etc. which might be met in either of the above.

Paper II. Translation from Urdu or Hindi into English consisting of :—

(*i*) Translation of a portion of a newspaper article, speech, letter, etc. in Urdu or Hindi into English.

(*ii*) Translation of words and expressions commonly used in the above circumstances into idiomatic equivalent in English.

Max. Marks : 100 marks each and time allowed 3 hours each.

(c) *For Lower Division Assistants* :—(1) General English—100 ; (2) Precis-writing—100 ; (3) Drafting—100.

(d) *For Hindi and Urdu Typists* :—Minimum speed of 30 words per minute.

(e) *For Stenographers* :—(i) A test in shorthand at the rate of 120 words a minute for five minutes. (ii) A test in English Composition requiring a candidate to write a letter or a short essay on a subject of general interest.

MADRAS GOVERNMENT SERVICES

1. THE MADRAS CIVIL SERVICE (EXECUTIVE BRANCH), THE MADRAS COMMERCIAL TAXES SERVICE, THE MADRAS CO-OPERATIVE SERVICE.

Nature of Examination.

Competitive Examination.

Whom to Apply.

The Secretary, Public Service Commission, Madras.

Names of Posts.

(a) Deputy Collector under the Madras Civil Service (Executive Branch) ; (b) Commercial Tax Officer under the Madras Commercial Taxes Service ; (c) Deputy Registrar of Co-operative Societies under the Madras Co-operative Service.

Qualifications.

(1) *Madras Civil Service (Executive Branch).* (i) The degree of B.A., or B. Com., or B. Sc., (other than in a professional subject not being agriculture) of a University in the Madras State or the B. O. L. degree of the Madras or Annamalai University or the B. L. degree of the Andhra University, or must be a Barrister of England or Ireland, or a member of the Faculty of Advocates of Scotland. Preference is given to candidates who have in addition to the qualification specified above obtained a degree in Law of a University in the Madras State.

(*ii*) Must satisfy a Medical Board in Madras as to his physique, fitness and capacity for active out-door work.

(*iii*) Must know to speak, read and write Telugu.

2. *Madras Commercial Taxes Service* :—(*i*) A degree of B.A., or B. Com. or B. Sc. degree (other than in a professional subject not being Agriculture) of a University in the Madras State or the B. O. L. degree of the Madras or Annamalai University or the B. L. degree of the Andhra University. Preference is first given to candidates who possess a degree both in Commerce and Law, next to those who possess a degree in Commerce and next to those who possess a degree in Law.

3. *Madras Co-operative Service* :—(*i*) A degree in Commerce, Economics, Mathematics or Agriculture of a University in the Madras State ; or

(*ii*) an Honours degree or a diploma in Economics or Mathematics or a degree or diploma in Rural Science, Rural Economy, Sociology or Commerce of any of the English, Welsh, Scottish or Irish Universities ; or

(*iii*) a degree in Statistics (Pass or Honours) of the University of Madras.

Scales of Pay.

(*i*) *Deputy Collector* :—Rs. 300—50/2—700.

(*ii*) *Commercial Tax Officer* :—Rs. 300—50/2—700.

(*iii*) *Deputy Registrar of Co-operative Societies* :—Rs. 230—30/2—260—40/2—500—50/2—700.

Age Limits :

(*i*) *Madras Civil Service* (*Executive Branch*). No age-limit for Harijans.

(*ii*) *Madras Commercial Tax Service.* Below the age of 31 years.

(*iii*) *Madras Commercial Taxes Service.* Below the age of 27 years.

Syllabus.

(*a*) *Compulsory Subjects.*

(*i*) English Composition ... 100 marks.
(*ii*) General Knowledge ... 100 ,,

(*b*) *Optional Subjects.*

GROUP A

1. English Language and Literature and History of England so far as it affects the growth and development of English Language and Literature.

2. Sanskrit Language and Literature and History of Ancient India so far as it affects the growth and development of Sanskrit Language and Literature.

3. Persian Language and Literature and History of Persia so far as it affects the growth and development of Persian Language and Literature.

4. Arabic Language and Literature and History of Arabs so far as it affects the growth and development of Arabic Language and Literature.

5. Tamil Language and Literature and History of South India so far as it affects the growth and development of Tamil Language and Literature.

6. Telugu Language and Literature and History of South India so far as it affects the growth and development of Telugu Language and Literature.

7. Malayalam Language and Literature and History of Malabar and South India so far as it affects the growth and development of Malayalam Language and Literature.

8. Urdu Language and Literature and History of Mohammadan period in India, so far as it affects the growth and development of Urdu Language and Literature.

9. Kannada Language and Literature and History of South India so far as it affects the growth and development of Kannada Language and Literature.

GROUP B

(1) English Constitutional History; (2) History of Europe; (3) Economics; (4) Political Science; (5) Logic; (6) Psychology; (7) Ethics; (8) Mathematics (Pure); (9) Mathematics (applied); (10) Statistics; (11) Anthropology (with special reference to India); (12) Public Administration; (13) History of Administration in India and Machinery of Government; (14) Physics; (15) Chemistry; (16) Botany; (17) Geology; (18) Physiology; (19) Zoology; (20) Biology; (21) Agriculture; (22) Agricultural Chemistry; (23) Agricultural Botany; (24) Accountancy and Auditing; (25) Banking and Mercantile Law; (26) Jurisprudence (B. L. Standard); (27) Indian Constitutional Law (B.L. Standard); (28) Geography.

Note: Five Optional Subjects must be taken.

MADRAS

One from Group A and four from Group B.

These subjects will carry 100 marks each or 500 marks in total.

(c) *Interview and Record* ... 350 marks

Note:—To qualify for selection a candidate must obtain a minimum of 315 marks in the aggregate at the written examination in the case of Harijans and backward classes and 420 marks in the case of candidate of other communities.

THE HYDERABAD ADMINISTRATIVE/POLICE SERVICE

Nature of Examination.

Competitive.

Whom to Apply.

The Secretary, Public Service Commission, Saifabad, Hyderabad-Deccan.

Qualification.

(*i*) A degree in Arts, Science or Commerce from a recognised University.

(*ii*) a Subject of Hyderabad State.

Age Limits.

A candidate must have attained the age of 21 years and must not have attained the age of 25 years on the date prescribed by the Commission.

Scale of Pay.

Hyderabad Administrative/Police Service Class I, Junior Scale. Rs. 400—25—500—E.B.—30—800. Promotion in due course to Senior scale : grade Rs. 900—1500 for the Hyderabad Administrative Service and Rs. 700—1500 for the Hyderabad Police Service.

Misc. Details. Applications on prescribed form (obtainable from the Commission's office on payment of Re. 1 in person or by M. O. with detailed Rules) along with a Hyderabad Treasury or Hyderabad State Bank receipt of Rs. 5 (Rs. 2/8 in the case of Scheduled caste candidates) as application fee credited to 14—General Administration—Sub-head Public Service Commission—must reach the Secretary, Public Service Commission, Saifabad, Hyderabad Deccan. Applications from outside Hyderabad State should be accompanied by a Money Order Receipt for Rs. 5 as application fee. Stamps, postal orders and cheques are not acceptable. Applications received late or incomplete are not considered. Canvassing in any form disqualifies a candidate.

MADRAS GOVERNMENT

CINEMA OPERATORS EXAMINATION

Nature of Examination.

A competitive examination.

Whom to Apply.

The Secretary, Government Board of Examiners for Cinema Operators, 19, Woods Road, Madras 2.

Qualifications.

The minimum general educational qualification shall be VIII standard or III Form.

Age.

A candidate must not be less than 18 years of age on the date of the examination.

(*a*) A fee of annas eight is payable to the Board for the registration of a candidate with the Board for recognition of apprenticeship thereafter.

(*b*) A fee of rupees six is payable to the Board by a candidate applying for the Operators' Examination. This covers also the fees for the competency certificate in the case of those who pass the examination.

Documents to accompany the application.

(*a*) The application must be countersigned by the licensee or Proprietor or Managing Director or Managing Partner or the licensee of the licensed theatre where the candidate has undergone apprenticeship or service or practical training, or by the Principal of the Government Central Polytechnic or by a Gazetted Officer as the case may be.

(*b*) The school leaving certificate in original testifying that the candidate has been declared successful in the VIII standard or III Form examination.

(*c*) Three copies of photographs (half card size) of the applicant, such photograph being attested by the Proprietor or Managing Director or Managing Partner or licensee of the theatre or the Principal Government Central Polytechnic or a Gazetted officer.

(*d*) Conduct and service certificates in the prescribed forms duly signed by appropriate authorities as specified therein.

(*e*) Bank draft for Rs. 6 obtained from the Imperial Bank of India or any of its branches or crossed Indian Postal order.

(*f*) Apprenticeship registration certificate issued to the applicant by the Board.

(*g*) Evidence or authority indicating the correctness of age of the applicant.

Eligibility for appearing for examination.

(*i*) A candidate must have registered his name with the Board as an apprentice operator.

(*ii*) (*a*) The candidate must have put in an apprenticeship or service for a period of not less than two years in a licensed cinema theatre ; or

(*b*) Put in an apprenticeship for not less than one full year in a cimema theatre under the direct supervision of a licensed operator, in the case of a candidate holding a degree or diploma in Electricity of a University or recognised Institute.

(*c*) He produces a record of the necessary apprenticeship or service duly attested and certified by his employer.

Candidates from other Provinces.

In the case of candidate working in other parts of India and applying for the examination shall, in addition to complying with instructions in clauses (*a*) to (*g*) of Rule above produce a certificate of his apprenticeship for a period of two years in cinema theatres in the state or territory concerned from a Gazetted officer in that area.

Syllabus.

(*i*) A working knowledge of Talkies cinematograph machines which the candidate is at the time employed for operating.

(*ii*) A knowledge of the municipal by-laws and other rules relating to cinematograph exhibitions and precautions against fires.

(*iii*) A knowledge of the most speedy and effective method of dealing with fire.

(*iv*) A knowledge of the elements of electric power, direct and alternating current, voltage, amperage, etc., or in the case of mofussil operators, of Petrol and oil Engines and,

(*v*) Proficiency in handling, winding, repairing and efficient cleaning of films.

Details From.

Prescribed application, conduct and service certificate forms and relevant particulars and notifications pertaining to the examination, can be had from the Secretary, Government Board of Examiners for Cinema Operators, 19, Woods Road, Madras 2.

BOMBAY GOVERNMENT SERVICES

THE BOMBAY CIVIL SERVICE (EXECUTIVE BRANCH) EXAMINATION

Nature of Examination.

By Selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

B.A., B.Sc., B.Ag., LL.B., B.Eng., or similar or Higher degree of a recognised university.

Age limits.

A candidate must have attained the age of 21 years and not more than 25 years of age at the date of selection.

Misc. Particulars.

(*a*) A selected candidate is appointed on probation, and during this period he is required to pass the language examination and the Lower and Higher Standard Departmental examinations. He is required to serve at a Treasury and as Mamlatdars for six months. On successful completion of probationery period, the direct recruit is confirmed as a Deputy Collector.

(*b*) Scale of Pay of Deputy Collectors :—

Grade II ... ... Rs. 350—30—500—E.B.—30—650.
Grade I ... ... Rs. 695—45—875.

(c) Scale of Pay of Mamlatdars :—

Grade II ... ... Rs. 250—15—322
Grade I ... ... Rs. 340—15—400
Selection Grade ... Rs. 420—20—500.

(d) In making appointments, preference is given to natives of the Province of Bombay. No person can be appointed to Government service who has failed to pass such medical test of physical fitness as may be prescribed by Government.

2. BOMBAY FOREST SERVICE

Nature of Examination.

By Selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

(i) B.A. with 1st. or 2nd class honours in either (a) Physics and Chemistry or (b) Botany and Zoology or

(ii) B.Sc. in the 1st or 2nd class.

Age Limits.

A candidate must have attained the age of 19 and have not attained the age of 23 years on 1st April of the year in which they seek admission for training at a forest college.

Appointments and Pay Scales.

(i) Chief Conservator of Forests :—
Rs. 1800—100—2000.

(ii) Conservator of Forests
Rs. 1300—60—1600.

(iii) Forest Service Class I
Rs. 350—30—650—E.B.—45—1100.

(iv) Forest Service Class II
Rs. 220—15—400—E.B.—20—500—E.B.—25—650.

Misc. Particulars.

(*a*) Direct recruitment is made to the class II service only. Appointments to the Conservator's and Chief Conservator's posts are made by promotion. A selected candidate is required to undergo training in Forestry at an institution specified by Government for two years and to obtain a diploma or a degree in Forestry. He receives an annual sum of Rs. 2,500 towards the expense of his training on condition that he undertakes to serve Government for a period of at least five years. On satisfactory completion of the course of training, the selected candidate is appointed as Assistant Conservator of Forests in the Class II grade.

(*b*) Officers in Class I Service are responsible for the administration of each forest division and the execution of works in their charge. They deal finally with forest offence cases, while officers in Class II assist the former in the work of inspection and supervision, in the marking of trees for felling and in other silvicultural works which require technical knowledge. They are often employed on special works such as collection of data for working plans, carrying out of important surveys, construction of more important roads and buildings, etc., etc.

3. BOMBAY AGRICULTURAL SERVICE

Nature of Examination.

By Selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

(*i*) For Class I, candidates should possess a good degree in Science or Agriculture of a recognised University in U.K., Eire, or the U.S.A. Those possessing a good degree in Science or Agriculture of a recognised Indian University are also eligible provided they possess research experience or post graduate training.

(*ii*) For appointment to Class II service, candidates should possess a degree in Agriculture or Science of a recognised university.

Age Limits.

Age should not be less than 21 or more than 25 years at the date of selection.

Pay Scales.

Class I : Rs. 350—30—650—E.B.—45—1100.

Class II : Rs. 220—15—400—E.B.—20—500—E.B.—25—650

Director of Agriculture : Rs. 1600—100—1800.

Misc. Details.

(*a*) There are several Specialist Posts in the Agricultural Department, in the above time scales of pay *i.e.*, (1) Live stock Expert to Government; (2) Agricultural Engineer to Government; (3) Professor of Entomology ; (5) Professor of Agricultural Economics ; (5) Cotton Breeder ; (6) Assistant Professor of Dairying and Animal Husbandry. Special qualifications are required for these posts for which a reference may be made to the Bombay Civil Service Classification and Recruitment Rules which are available from the Government Book Depot, Charni Road Gardens, Bombay.

(*b*) Besides the above posts, there are the following specialist posts in the Agricultural Engineering Department :—

(1) Mechanical Engineer, Cultivation — Rs. 1000—50—1400.

(2) Superintending Engineer, Minor Irrigation Circle — Rs. 1300—60—1600.

(3) Executive Engineer, Minor Irrigation Division — Rs. 500—30—650—E. B.—45—1100.

4. BOMBAY VETERINARY SERVICE

Nature of Examination.

By selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

For direct appointment to class I, a candidate must be a M. R. C. V. S. and for Class II either the M. R. C. V. S., or a degree from certain recognised Veterinary Colleges with special qualifications.

Age Limits.

Between 21 and 30 years at the date of selection.

Pay Scales.

(*a*) Class I ... Rs. 350—30—650—E. B.—45—1100.

(*b*) Class II ... Rs. 220—15—400—E. B.—20—500—E. B.—25—650.

(*c*) Director of Animal Husbandry and Verterinary Science ... Rs. 1900—100—2000.

5. BOMBAY CO-OPERATIVE SERVICE

Nature of Examination.

By selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

For Class II Service, B.A., B.Sc., B. Ag., or B.Sc., (Agri.), B. Com. or a higher degree. For Assistant Registrars, preference is given to persons possessing a knowledge of Agricultural conditions and co-operative methods in India and Europe.

Age Limits.

Between the ages of 21 and 25 years at the date of selection.

Pay Scales.

Class I ... Rs. 350—30—650—E. B.—45—1100.

Class II ... Rs. 220—15—400—E. B.—20—500—E. B.—25—650.

Selection Grade ... Rs. 695—45—875.

Registrar of Co-operative Societies ... Under consideration.

Misc. Details.

(*a*) Selected candidates are required to pass the examination for Registered Accountants or the Government Diploma in Co-operation and Accountancy within three years. (*b*) Appointments to Class I service are generally made by promotion from the Class II Grade.

6. BOMBAY EXCISE SERVICE

Nature of Examination.

By selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

B.A., B.Sc., B. Ag., or any higher qualification.

Age Limits.

Between 21 and 25 years.

Pay Scales.

Superintendents of Excise ... Rs. 350—30—650—E. B.—45—1100.

Misc. Details.

No direct appointments are made to the Posts of Superintendents, but candidates are recruited to the posts of Inspectors and after satisfactory service are promoted as Superintendents.

7. BOMBAY POLICE SERVICE

Nature of Examination.

By selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

A University degree. It is relaxable at the option of Government.

Age Limits.

Between 22 and 25 years of age.

Pay Scales.

Grade I ... Rs. 530—30—650—45—1100.

Grade II ... Rs. 300—20—500.

Misc. Details.

(*a*) A candidate must be 5 feet and 5 inches in height and have a chest measurement of not less than 33 inches deflated. (*b*) The selected candidate has to join the Police Training School at Nasik and pass the prescribed examinations within two years. (*c*) Direct recruitment is made for Grade II, and promoted to Grade I afterwards.

8. BOMBAY PUBLIC HEALTH DEPARTMENT SERVICE

Nature of Examination.

By selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

A medical degree plus a British Diploma in Public Health or B. Hy or D. P. H. of Bombay or Calcutta University, for Assistant Directors' Posts. For Malaria Officers, the degree of M.B.,B.S. plus experience in blood work in Malaria.

Age Limits.

Not more than 28 years.

Pay Scales.

(*a*) Director of Public Health... Rs. 1600—100—1800.

(*b*) Assistant Directors of Public Health ... Rs. 350—30—650—E. B.—45—1100.

(*c*) District Health Officer ... Rs. 350—40—every third year—590—30—710.

(*d*) Malaria Officers and Plague Control Officers ... Rs. 220—15—400—E.B—20—500—E.B.—25—650.

BOMBAY MEDICAL SERVICE

Nature of Examination.

By selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

For Class II Service, the degree of M.B.,B.S., is compulsory. For Class I Service in addition to M.B., B.S. degree, a candidate must have such higher qualifications in Medicine and Surgery as imply fitness for the Medical or Surgical charge of

a general hospital such as M.D., M.S., F.R.C.S., M.R.C.P., F.R.F.P.S., etc. For posts filled by individual recruitment, candidates must possess the high special qualifications and experience considered essential for performance of the duties attached to the respective posts.

Medical & Surgical Registrars, G.T. & J.J. Hospitals	...	Rs. 350 (tenure posts).
Chemical Analyser to Government	...	Rs. 650—45—1100.
Lady Superintendent, College of Nursing, Bombay, Poona, and Ahmedabad	...	Rs. 250—12½—350.

BOMBAY EDUCATION SERVICE.

Nature of Examination.

By selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

(*a*) *Collegiate Branch Class I* :—A good university degree and experience of teaching in a College.

(*b*) *Collegiate Branch Class II* :—A good university degree.

(*c*) *Administrative Branch Class I* :—A good university and a degree, diploma, or certificate in Educational Theory and Practice and adequate experience of teaching and educational administration.

(*d*) *Administrative Branch Class II* :—A university degree plus a degree in, or diploma of, education.

Note :—There are two branches of the Educational service, the Collegiate and the Administrative, and the personnel of each service is divided into two classes, Class I & Class II.

Age Limits.

Between 23 and 30 years.

Pay Scales.

Class I :—Rs. 350—30—650—E.B.—45—1000.
Class II :—Rs. 220—15—400—E.B.—20—500—E.B.—25—600.

Director of Public Instructions—Rs. 1800—100—2000.

Misc. Details.

(*a*) Class I Service consists of the posts of Deputy and Assistant Director, Principals and Professors of colleges, Educational Inspectors, and Lady Superintendents of Training Colleges.

(*b*) Class II Service consists of the posts of Lecturers, Librarians, Superintendents of Workshops, Assistant Inspectresses and Lady Superintendents.

(*c*) In addition to the above posts, there are the following other special posts in the Educational Department :—

Director of Sir J.J. School of Art.	...	Rs. 700—30—1000
Dy. Director of ,, ,,	...	Rs. 350—30—550—E.B 45—920.
Teachers in the Art School	...	Rs. 220—15—400—E.B. —20—500—E.B.—25—650.
Professors of Law College	...	Rs. 530—30—650—45—

BOMBAY SERVICE OF ENGINEERS

Nature of Examination.

By selection.

Whom to Apply.

The Secretary, Bombay Public Service Commission, Bombay.

Qualifications.

In the case of Class I Service, the selection is made annually from among the students who have passed in the first class the B.E. (civil) degree examination of the College of Engineering, Poona. In the case of Class II Service, from the students of the Engineering College, Poona, who have passed the B.E. degree examination immediately before the date of nomination. In both cases, selection is made in order of merit in the examination.

Age Limits.

Below the age of 25 years. (Intermediate and Backward Classes 28 years).

Pay Scales.

(*a*) *Class II.* Deputy Engineers,
... Rs. 220—15—400—E.B.—20—650.

(*b*) *Class I* :—

(*i*) Assistant Engineers.
... Rs. 250—15—400—20—500—25—650.

(*ii*) Executive Engineers.
... Rs. 500 (6th year)—30—650—E.B.—45—1100.

(*iii*) Superintending Engineers.
... Rs. 1300—60—1600.

(*iv*) Chief Engineers
... Rs. 1800—100—2000.

Misc Details.

Besides the above appointments, there are the following other appointments for which special qualifications in each case are required :—

(*a*) Electrical Engineers
... Rs. 1300—60—1600.

(*b*) Executive Electrical Engineers.
... Rs. 500—30—650—E.B.—45—1100.

(c) Public Health Engineers.
... Rs. 950—50—1300.

(d) Deputy Electrical Engineers.
... Rs. 220—15—400—E,B.—20—500—E.B.—25—650.

(e) Mechanical Assistant to Public Health Engineers.
... Rs. 220—15—E.B.—20—500—EB. 25—650.

(f) Architect to Government
... Rs. 1100—50—1300.

(g) Electric Grid Appointments on various grades of pay according to qualifications and experience.

Age Limits.

For Class II Service, the age limit is 28 years, while it is 35 years in the case of Class I Service,

Pay Scales.

Class II	...	Rs. 220—15—400—E.B.—20—500—E.B.—25—650.
Class I	...	Rs. 350—30—650—E.B.—45—1100.
Surgeon General	...	Rs. 1800—100—2000.

Misc. Details.

Besides the posts in the regular grades, there are the following posts for which special qualifications applicable to the post are required :—

Principals and Professors of Physiologly at the Medical Colleges, Ahmedabad and Poona	...	Rs. 600—40—1000—50 1100.
Professors of non-clinic subjects	...	Rs. 600—40—1000—50—1100
Lecturers in Embryology, Biochemistry, Anatomy and Physiology	...	Rs. 400—30—700.

Lecturers in non-clinical subjects	...	Rs. 400—30—700.
Demonstrators	...	Rs. 220—15—400—E.B —20—500—E.B.—25 —650
Director, Haffkine Institute	...	Rs. 1300—60—1600.
Assistant Director, Haffkine Institute	...	Rs. 350—30—650—E.B. —45—1100.
Other posts in the Haffkine Institute	...	Rs. 250—15—400—E.B. —20—500.
Superintendent, J.J. Hospital	...	Rs. 1300—60—1600.
Superintendent, G.T. Cama and St. George's Hospitals	...	Rs. 600—40—1000.
Vice-Principal, Dental College	...	Rs. 700—40—1000.

INDIAN CIVIL AVIATION

TRAINING OF COMMERCIAL PILOTS ("B" Licence)

Application.

Application for admission for the Training should be made on a prescribed form, to the Director General, Civil Aviation, New Delhi.

Qualifications.

Intermediate science or its equivalent or Senior Cambridge or Delhi University Higher Secondary Examination with Mathematics and Physics or Chemistry, of first class physical condition.

Age.

Between 18 and 23 years (25 years in the case of those possessing a degree in Aeronautics, Engineering or Physics).

Training.

The training is imparted at the subsidized flying clubs at Delhi, Allahabad, Bombay, Calcutta, Madras and at the Flying School of the Civil Aviation Training Centre, Allahabad.

Costs.

The training consists of a Pre-entry course to be completed within six months and for which period the trainee will have to pay an entrance fee from Rs. 30 to Rs. 50 p.m. and subscription of about Rs. 5 p.m. levied by the club and will receive flying training at the special subsidized rate of Rs. 20 per flying hour. On this basis, the total payments should not exceed Rs. 2,100, the whole of which will be payable by the trainee in a manner prescribed in the rule and regulations of the club.

The second course (C.A.T.E. course) extends for a period of about six to eight months and for which a fee of Rs. 5000/- has been fixed subject to a refund of Rs. 2500/- to a trainee who successfully completes the course and qualifies for a "B" licence.

Note :—Every Pilot will be called upon, if required to enrol in a Reserve or Auxiliary Service of the Indian Air Force.

THE INDIAN POSTS & TELEGRAPHS DEPARTMENT

1. ENGINEERING SUPERVISORS EXAMINATIONS

Admission.

Through a competitive examinatiou.

Qualification.

F.A. or F.Sc. with Physics and Mathematics or Pre-Engineering of Delhi Polytechnic.

Age.

A candidate must be between the age of 17 and 24 years of age on the 1st of January of the year of examination.

Subject.

English, General Knowledge, Mathematics (including Statics and Dynamics), Physics, Chemistry and Geography.

Vacancies.

From 50 to 200.

Full Particulars.

Can be had from the Post Master General of any Provincial Circle.

2. SUBORDINATE SERVICES EXAMINATIONS

(Conducted by the Postmasters General, (1) Punjab Ambala ; (2) U.P., Allahabad ; (3) C.P., Nagpur ; (4) Assam-Shillong).

Nature of Examination.

A competitive examination held by respective provincial Posts & Telegraph Deptt.

Qualifications.

The candidate must have passed the Matriculation or an equivalent examination from a recognised University.

Age.

The applicants must be between the ages of 18 and 23 years of age (26 years in the case of Scheduled caste candidates) on the date of the examination.

Subjects of Examination.

(*i*) *Compulsory* :—(1) English composition and general intelligence test ; (2) Simple Arithmetic upto and including compound fractions, simple and compound interest and rule of proportion ; (3) Geography with special reference to India. (4) Optional ; Telegraphy Typewriting by touch method.

Pay Scale.

(*i*) *First Division clerks* :—Rs. 68—4—120—E.B.—5—170
(*ii*) *Other Categories* :—Rs. 60—4—120—E.B.—5—170.

Posts.

Telegraphists, Telegraph Office Clerks, Telephone operators Post Office Clerks, Railway Mail Service Clerks ; (including Sorters), Dead Letter Office Clerks, and First Division Clerks.

Application.

On a prescribed form obtainable from a Post Master General of any Provincial Circle on Payment of Re. 1/-, should be sent to the respective Postmaster-General along with an Indian Postal Order for Rs. 4/- as examination fee, on or before the prescribed date.

INDIAN MEDICAL SERVICE

ALL INDIA INSTITUTE OF HYGIENE & PUBLIC HEALTH, CALCUTTA.

Courses.

(*a*) 1—year Diploma in Public Health (D. P. H.) of Calcutta University. Open to Medical Graduates or Licenciates.

(*b*) 1—year Diploma in Public Health and Hygiene (D. P. H. & H. Y). of the Faculty of Tropical Medicine and Hygiene, Bengal. Open to Medical Graduates.

(*c*) 1—year Diploma in Maternity and Child Welfare (D M. C. W.) of Calcutta University. Open to Medical Graduates.

(*d*) 2—years' Master of Engineering (Public Health) M. E. (P. H.) of Calcutta University. Open to Graduates in Engineering, specially Civil Engineers.

(*e*) Doctor of Science (Public Health) D. Sc. (P. H.) of Calcutta University. Examination open to Graduates after 2 years' training in some special subject on Public Health.

Application.

By 15th June. Session from July.

Fees.

(*a*) Rs. 415 ; (*b*) Rs. 415 ; (*c*) Rs. 225 ; (*d*) Rs. 435 ; and (*e*) Rs. 465.

Certificates Courses open to Graduate or Licenciate in Medicine :—

(*i*) Maternity and Child Welfare ; (*ii*) Industrial Hygiene : (*iii*) Biometric Techniques—6 months' course beginning in June ;

(*iv*) Nutrition—3 months course beginning in October ; (*v*) Laboratory Techniques—6 months' course open to 1. Sc.s beginning in October ; (*vi*) Public Health Engineering—6 months course. open to Overseer and Sub-overseers, beginning in January.

Fees.

For (*i*) Rs. 25 ; and for others Rs. 150.

Misc. Details.

Students are also admitted to undertake special lines of Research. Some prizes and scholarships are awarded. Hostel accommodation is available.

THE CALCUTTA SCHOOL OF TROPICAL MEDICINE, CALCUTTA

Courses.

1. D. T. M. Diploma of the Faculty of Tropical Medicine and Hygiene, Bengal : Six months from 15th October to 14th April ;

2. L. T. M. Licence of the same Faculty : Three months —15th July to 14th October.

Eligibility.

Admission to course (1) above is confined to Government Medical officers and registered medical Practitioners possessing recognised Medical qualification. While course No. (2) is intended for Government Medical officers deputed by Civil or Military authorities.

Fees.

Rs. 300 for course (1) ; and Rs. 150 for course (2).

Applications.

Should be made in August for Course No (1), and in April for Course No. (2), to the Director of the Institute.

GRANT MEDICAL COLLEGE, BOMBAY

Course.

M.B., B. S. (5 years). Also Condensed course and Post-Graduate courses.

Age.

At least 17 years.

Fees.

In Government Medical Colleges fees have been raised to Rs. 350. p.a. Extra provincial students who have passed the qualifying examination of Bombay University will be eligible for admission irrespective of domicile ; no capitation fee is charged to extra provincial students.

LADY HARDINGE MEDICAL COLLEGE, NEW DELHI

Courses.

(*a*) Inter. Science—2 years, Preparatory to M.B., B.S. (*b*) M.B., B.S. (5 years) of the Punjab University.

Eligibility.

Admission is open to students from the Punjab, Punjab States, Jammu and Kashmir States and Delhi.

Fees.

About Rs. 1,050 for the full course. Hostel attached. Scholarships available.

Other Courses.

(*a*) Training for Nurses ; (*b*) Training for Dispensers ; (*c*) Midwifery ; (*d*) Nursing and Nurse Dai Courses.

PRE-MEDICAL EXAMINATION OF THE LUCKNOW UNIVERSITY

Nature of Examination.

A competitive examination ordinarily held in the month of June at Lucknow every year for admission to the courses

of study for the M.B., B.S., in the Faculty of Medicine, of the Lucknow University, for *bona fide* residents of the United Provinces and residents of other Provinces and Indian States which have no Medical College of their own and whose claim to admission has been recognised by the Executive Council on certain conditions.

Age.

A candidate who has attained the age of 17 years or will attain that age by the 30th November of the year of admission.

Qualifications.

(*i*) the B. Sc. Examination of an Indian University incorporated by any law for the time being in force, with Chemistry and Biology ; or

(*ii*) having passed the B. Sc. examination, has passed at one time or other, in that examination combined with the Intermediate Examination leading thereto, in the three subjects —Chemistry, Physics, and Biology ; or

(*iii*) the Intermediate Examination of the Board of High School and Intermediate Education, U.P., or Rajputana (including Ajmer-Merwara), Central India and Gwalior, or the Intermediate Examination of an Indian University incorporated by any law for the time being in force, with Chemistry (including Organic Chemistry), Physics, and Biology, in such courses of study as may be recognised for the purpose from time to time by the Faculty.

Subjects of Examination.

Every candidate appearing at the examination shall be required to appear in the following subjects :—

(1) Chemistry, including Organic Chemistry, (2) Physics, (3) Zoology, (4) Botany.

The candidates should read the following books for this examination in addition to the text-books in the above subjects that they have been previously educated in :—

(1) *Woodgor* ;—Elementary Morphology and Physiology for Medical Students.

(2) *Luff and Candy* :—Manual of Chemistry, Vol. II. Organic.

(3) *Deodhur* :—A Text book of Physics.

The examination shall be conducted by means of one paper of three hours' duration in each subject and shall carry 100 marks in each paper.

Medical Test.

Selected candidates are required to undergo a health examination by a Medical Board appointed by the University and their admission to the Faculty shall be subject to their physical fitness. The health examination shall include an X-ray examination of lungs for which a fee of Rs. 3/- shall be charged.

Courses of Study.

1. *Chemistry* :—Elements and compounds, properties of solutions, Organic Chemistry.
2. *Physics* :—Properties of Matter, Heat, Sound, Light, Electricity and Magnetism.
3. *Elementary Zoology* :—An elementary knowledge of the Protozoa, Coelenterata, Annelida, Arthopoda, and Mollusea. A general knowledge of the structure of the vertabrata.
4. *Elementary Botany* :—The characteristic features of Thallophyta, Broyphyta, Pteridophyta, Spermophyta. The fundamental facts and Principals of Organography and Physiology.

INDIAN FOREST SERVICES

INDIAN FOREST RANGER COLLEGE, DEHRA DUN

Eligibility.

Students selected for training by their respective Governments are normally admitted. No private student is admitted unless he is in possession of a guarantee of employment after training.

Whom to Apply

The Public Service Commission of their province or to the Head of the Forest Department in the Province.

Age.

Between 18 and 25 years on the 1st of April.

Qualification.

Pass in the Intermediate examination with one or more of the following subjects : Mathematics, Physics, Chemistry, Botany, Zoology ; or an equivalent examination.

Misc. Details.

The course is of two year's duration. The total cost of training comes to Rs. 6,500. Information as to how much of this amount will be paid by the Province or State should be obtained from the Forest Deptt. concerned. For all candidates not examined by P.S.C. a qualifying examination is usually held in October at a number of centres in English, Essay, Dictation, General Knowledge and Mathematics. Most of the Provincial Governments select their students by a competitive examination held by P.S.C. The session starts in April.

INDIAN FOREST COLLEGE, DEHRA DUN

Eligibility.

Only those students selected for training by their respective governments are eligible for admission.

Whom to Apply.

Head of the Forest Department of the Government concerned.

Age.

Candidates must be between 19 and 24 years.

Qualifications.

(*a*) A B.Sc. (Honours) degree, not lower than 2nd class, or its equivalent, in any Natural Science, or in Mathematics, or in Agriculture, or

(*b*) A B.Sc. (Agriculture) degree, without honours provided a first class was obtained, or

(*c*) An M.Sc. degree of any class in any Natural Science, Mathematics or Agriculture, provided that the B.Sc. degree was not lower than 2nd class.

Misc. Details.

The course extends over two years. Admission is made every year in April. The total cost of training is about Rs. 13,000.

POST-GRADUATE COURSES

INDIAN AGRICULTURAL INSTITUTE, NEW DELHI

Names of Courses.

(*a*) Agricultural Botany, (*b*) Cytogenetics, (*c*) Crop Physiology, (*d*) Genetics and Plant Breeding, (*e*) Soil Science and Agricultural Chemistry, (*f*) Soil Science, (*g*) Agricultural Chemistry, (*h*) Soil Mierobrology, (*i*) Entomology (*j*) Mycology and Plant Pathology, (*k*) Agronomy, (*l*) Agronomy with special reference to sugarcane, (*m*) Agricultural Engineering.

Duration of Course.

2 years each.

Whom to Apply.

Candidates should submit their applications through the Head of the Agricultural Department, or direct where no such department exists, in the Province or State in which the candidates are resident. The applications should reach the Provincial authorities on or before the 5th August. Ordinarily 8 students for each subject are admitted.

Qualifications.

An applicant, when he does not already possess a Post-Graduate Degree, should have at least three years experience after graduation in the subject in which he wishes to specialize. For the course in Mycology a B.Sc. (Hons.) in Botany and for Entomology a B.Sc. (Hons.) in Zoology, and for both an M.Sc.

(Agr.) with proficiency in the relative subject will also be eligible for admission.

Age Limit.

21 to 25 years.

Fees.

A tuition fee of Rs. 25 per month is charged.

Accommodation and Expenses.

Students are required to reside in the Students' Hostel attached to the Institute. Expenses of living about Rs. 75/- per month.

CHARTERED ACCOUNTANT EXAMINATIONS

PART I

Nature of Examination.

A qualifying Examination conducted under the auspices of the Council of the Institute of Chartered Accountants of India, New Delhi, in June and November—December every year, in two parts, I and II.

Whom to Apply.

The Secretary to the Council of the Institute of Chartered Accountants of India, Gurdwara Road Hutments, New Delhi, two months before the examination date fixed and published in leading newspapers of India.

Fees.

Rs. 50 only.

Qualifications.

A graduate of a recognised Indian University. B. Com are exempted from Part I : or passed the Intermediate Examinations, or an equivalent thereof and produces either (*i*) a certificate from a recognised institution that he has, subsequently to passing such examination, studied for one year at such

an institution and is fit to present himself for the examination ; or (*ii*) a certificate that he has served for not less than seven years either wholly as audit clerk or partly (but for not less than three years) as such clerk and partly as an articled clerk, or (*iii*) evidence that he was at any time admitted to the G.D.A. examinations or was eligible for admission to that examination.

Subjects.

Accountancy, Auditing, Commercial Law, Company Law and General Commercial Knowledge.

FINAL EXAMINATIONS

PART II

Nature of Examination.

As in Part I

Whom to Apply.

As in Part I.

Fees.

Rs. 75/- as examination fee and a further fee of Rs. 50/- in the case of candidates seeking exemption from Part I.

Qualifications.

No candidate is admitted to this examination unless he

(*i*) has either passed the First Examination or is exempted from passing that examination ; and

(*ii*) has completed the required period of service as an articled clerk. In the case of a graduate the period of articles is 4 years, and non-graduates, 5 years.

Subjects.

Advanced Accountancy, Taxation and Cost Accountancy ; Auditing, Mercantile Law, Company Law, and Economics.

DIVISIONAL ACCOUNTANTS RECRUITMENT EXAMINATION

Nature of Examination.

A competitive Examination conducted by the Accountant-General once or twice a year, publicity of which is given in the Gazette of India, and/or Provincial Gazette.

Whom to Apply.

The Accountant General concerned.

Qualifications.

A University degree in the Second Division, *i.e.* a division better than the lowest that may be obtained from the candidate's University.

Note :—(*i*) A B.A. pass graduate of Delhi University who has obtained 50% of the aggregate marks in that examination is treated as a 2nd Division Graduate.

(*ii*) This provision in the case of Madras candidates will mean as follows :—

(*a*) B. A. or other pass course candidates—A Second Division in the subjects and in any one of the other two parts of the examination.

(*b*) B. Sc. or B. Sc. (Hons.) or B.A. (Hons). candidates—A second division in the final examination without any reference to the marks secured by the candidates in Part I, English, in the first year of their course of study.

(*c*) In the case of B. Com. or B. Com. (Hons.) degree, a second division in the final examination, *i.e.*, Part III in B. Com. and final in B. Com. (Hons.).

Age.

A candidate must not exceed 24 years (27 years in the case of Scheduled caste candidate) of age on the prescribed date.

Fees.

Rs. 7/8/- (Rs. 1/14/- in the case of Scheduled caste candidate) with the application.

Certificates to accompany the Application.

(*i*) A certificate of good character.

(*ii*) A certificate of age.

(*iii*) An attested copy of the University degree or other educational certificate as the case may be.

Syllabus.

Subject	*Maximum Marks.*	*Max. Pass Marks.*	*Percentage.*
Essay or Precis and Draft	150	75	...
Elementary book-keeping	150	75	...
Arithmetic and Mensuration (Elementary but Practical)	200	133	
Total ...	500	300	60 p.c.

Misc. Details.

(*i*) The Examination is held in the office of the Accountant-General under the supervision of a Gazetted Officer. The result of the examination is declared about a month after the completion of the examination and communicated direct to each examinee.

(*ii*) The selected candidates are required to undergo the prescribed training in the Audit Office and/or Public Works Divisional Office before they are allowed to appear in Divisional Test Examination in accordance with Departmental regulations. Only those candidates who pass the examination are appointed to the cadre of Divisional Accountants.

UNIVERSITY OF ROORKEE ADMISSION EXAMINATIONS

FOR

ENGINEERING CLASSES

FORMERLY

THOMPSON COLLEGE OF ENGINEERING, ROORKEE

Nature of Examination.

A competitive Examination held annually in June for admission to the first year of the Engineering classes in the three branches of Civil, Electrical and Mechanical Engineering at Roorkee, Meerut, Lucknow, Agra and Allahabad.

Age.

A candidate must have attained the age of 17 years and must not be over 21 years (24 years in the case of Scheduled caste candidates) on 1st June of the year of Examination. Candidates above the age of 21 years but not above 25 years on June 1 are also permitted to sit in the Examination, but should they qualify, they are allowed to enter the University provided the number of candidates not above 21 years of age, who qualify, is less than the sanctioned strength of the class.

Qualifications.

A candidate must possess any one of the following qualifications :—

(1) Intermediate Examination with Physics, Chemistry and Mathematics of the Board of High School and Intermediate Education, Uttar Pradesh, or of any other Board or University in the Indian Union recognised by Government.

(2) Higher School Certificate of the Cambridge University with Physics, Chemistry and Mathematics.

(3) Pre-Engineering Examination of the Delhi Polytechnic.

(4) B. Sc. Examination of the Delhi University with English, Mathematics and Physics or Chemistry, provided that Chemistry or Physics, as the case may be, has been taken in he Higher Secondary Examination of the Delhi Board.

(5) B. A. (Honours) Mathematics of the Delhi University provided Science subjects were taken in the Higher Secondary Examination.

(6) Intermediate Science certificate (with Physics, Chemistry and Mathematics) awarded by the East Punjab University in lieu of social service.

(7) Overseer Certificate Examination awarded by the Thompson College of Engineering or the University of Roorkee.

(8) High School Examination with two years' Engineering training in an approved Engineering Institute, or two years' Practical Engineering experience approved by the Syndicate.

Note :—Candidates who have appeared at any of the above examination, are also allowed to take the Entrance Examination before the declaration of their results, on their furnishing a certificate from the Head of the Institution or the Registrar of the University of having appeared at such an examination. Such candidates must furnish a certified information of their passing the examination, otherwise their results are excluded from consideration for selection for admission.

Documents to accompany the Application.

(1) A statement of :—

(*a*) the name and date of birth of the candidate ;

(*b*) nationality, domicile and residence ;

(*c*) the schools or colleges which he has attended ;

(*d*) the profession, relationship and residence of his father or guardian ;

(*e*) two alternative centres where he wishes to be examined ;

(*f*) the order of preference of the three branches of Engineering—Civil, Electrical and Mechanical ; and

(*g*) whether he will or will not take the paper in Hindi.

(2) Testimonials (which will not be returned) of good moral conduct signed by the Head Master, Principal or Regis-

trar of the School, College or University, as the case may be, in which the candidate was last educated or by a Government Gazetted Officer not related to the candidate, or by his employer, if he is in service. These testimonials should have reference specially to his conduct during the two years immediately preceding his application for admission.

(3) A word-for-word copy of the educational certificates qualifying him for admission to the examination.

(4) A statement of the choice of the three branches of engineering, Civil, Electrical and Mechanical, which a candidate desires to study at the University.

(5) A Medical certificate by a Civil Surgeon or a Commissioned Medical Officer on the prescribed printed form ; no other form will be accepted.

(6) A certificate of nationality and domicile signed by the District Magistrate.

Note :—Certificate Nos. (5) and (6) are required to be submitted before admission to the University and not with the application.

Examination Fee.

Rs. 20/- only.

Subjects of Examination.

1. *Language* :—It includes English essay on a given subject, Precis writing of a simple passage and General Knowledge of more important topics of the day, simple literary, geographical, scientific and other topics. It carries 100 marks.

2. *Mathematics :*

(1) *Mathematics I* :—It includes questions on Algebra, Trigonometry and Mensuration. It carries 100 marks.

(2) *Mathematics II* :—It includes questions on Differential Calculas. It carries 100 marks.

(3) *Mechanics* :—Dynamics and Statics carries 100 marks.

3. *Science* :

(1) *Physics* :—General, heat, light, sound, Magnetism, Electricity and Electro—Magnetism and Voltaic cells.—100 marks.

(2) *Chemistry* :—Physical, non-metals and Metals—100 marks.

4. *Drawing* :—Geometrical Drawing, Free-hand Drawing and Sketching—100 marks.

All papers will be of 3 hours each.

5. *Hindi* :—It includes a short essay on a given subject, unseen one or two passages of Hindi prose. Marks—100, time 3 hours.

Note 1. This paper is optional and marks secured in Hindi are not included in aggregate required for qualifying the Examination.

Note 2. A candidate should obtain 350 marks in the aggregate of four subjects, only marks below 20°/₀ in any paper are omitted from the aggregate. Candidates of Indian Nationality will also have to qualify in Hindi either at entry or before graduation.

Misc. Particulars.

Candidates who are selected for admission are notified at their address by registered post. Their acceptances of admission, accompanied by a deposit of Rs. 100/-, should reach the Controller by the date fixed in the letter of admission. Candidates are expected to join the university on the opening day of the session, *i.e.*, October 16.

The university tuition fee is Rs. 24 per mensem and is pay able monthly during the session. The probable expenses of a student at the University in the first year will be Rs. 400/- for books, instruments and stationery and Rs. 175/- per mensem for fees, board, etc.

Accommodation is provided for all students of the Engineering classes in hostels. The present charges for rent, conservancy and water are Rs. 5/- per mensem. A set of furniture is given to a student on a monthly rent of Rs. 4/-.

The students of the Engineering Classes run a common mess under the supervision of the university authorities. The membership of this mess is compulsory.

PUNJAB ENGINEERING COLLEGE, ROORKEE, U.P.

Degree and Duration of Course.

The College is affiliated with the East Punjab University. Students are admitted for the degree of B.Sc. (Eng.). The course of training extends over five years of which the students will spend the first 3 years in College and the remaining 2 years in approved workshops or in approved Engineering works.

Selection.

Two third of students are selected purely on merit on the basis of the marks obtained by them in the University Examination and one third by nomination.

Qualifications.

A candidate must be F.Sc. 1st Class or failing that 2nd Class in order of merit, with Mathematics, Physics and Chemistry of the Punjab or Joint Punjab University or have passed any other examination recognised by the Punjab University for purpose of admission to the Faculty of Engineering.

Age.

Between 16 and 22 years of age.

Application.

Application in the candidate's own handwriting and on the printed official form, together with Rs. 2/8/- as Registration fee should be made to the Principal.

Fees and Expenses.

(*i*) *Initial non-recurring fees payable on enrolment* :—(*a*) Security Deposit—Rs. 25/- ; (*b*) Recreation, Sports etc. Admission fee—Rs. 15/- ; (*c*) Students Club Admission fee—Rs. 10/- ; (*d*) Mess Security Deposit—Rs. 25/-.

(*ii*) *Annual recurring fees* :—(*a*) Mid-sessional examination fee (Payable only by 1st and 2nd year students)—Rs. 4/- ; (*b*) Mess utensils and Mess equipment etc. fee—Rs. 20/- ; (*c*) (1) University Registration and Sports fee—Rs. 2-8-0/4-8-0, (2) University Examination fees—1st Exam. in Engg—Rs. 69/- ; 2nd Exam. in Engg—Rs. 75/- ; Final Exam. in Engg—Rs. 81/-.

(*iii*) *Monthly Expenses* (*9 months only*) :—(*a*) Tuition fee—Rs. 20/- ; (*b*) Hostel fee and rent of furniture—Rs. 7/- ; (*c*) Messing fee—Rs. 70/- approximately ; (*d*) Misc. *i.e.*, subscription for Recreation, Sports, Regatta, Student Club, Bearer, Dhobi, Stationery, etc.—Rs. 40/-.

(*iv*) *Books and Drawing Instruments* :—(*a*) First year—Rs. 300/- ; (*b*) 2nd year—Rs. 150/- ; (*c*) 3rd year—Rs. 150/-.

GOVERNMENT OF INDIA DELHI POLYTECHNIC

1. ENGINEERING DEPARTMENT

Name of Diploma.

All-India Diploma Course in Electrical/Mechanical Engineering ; Seats 30 each.

Admission.

Admission is made in May every year after successfully passing Admission Tests in General Knowledge, Drawing—Simple Geometrical Drawing, Projection and Sketching, followed by personal interviews with the Admissions Committee. 1½ hour paper in each subject.

Qualifications.

(*i*) Pre-Engineering Examination Certificate of the Government of India—2nd Division. (*ii*) I. Sc./F.Sc. or equivalent with English, Mathematics, Physics and Chemistry—2nd Division.

Training.

During first two years General Engineering subjects are taught. The third year is devoted to specialization in Electrical/Mechanical subjects. On passing the Diploma

Examination, each student has to undergo satisfactorily full-time apprenticeship for one year with an Industrial factory in his selected line before he is entitled to obtain the All-India Diploma.

Recognition.

The Diploma is recognised by the Government of India, for the purpose of direct recruitment to services and posts under the Central Government.

APPLIED SCIENCE DEPARTMENT

(Chemical Engineering & Technology)

Name of Diploma.

All-India Diploma Course in Chemical Engineering and Technology, 20 seats.

Admission.

There is no admission test for admission, but candidates will have to appear for an interview before the Admissions Committee.

Qualifications.

(*i*) Pre-Engineering Examination Certificate of the Government of India—2nd Division ; (*ii*) I.Sc./F.Sc. with Physics, Chemistry, and Mathematics or equivalent—2nd Division.

Training.

This three years' full time day course provides systematic training in the scientific principles of different chemical industries and their practical applications. Industries covered include Paints, and Varnishes, Oils and Soaps, Plastics, Intermediates and Dyes, Cermics, etc. On passing the final Diploma Examination each student is required to undergo one year's approved apprenticeship, before he is awarded the All-India Diploma.

Recognition.

The Diploma is recognised by the Government of India, as equivalent to a Degree in Chemical Engineering or Chemical

Technology or Applied Chemistry awarded by a recognised Indian University for the purpose of direct recruitment to services and posts under the Central Government.

DEPARTMENT OF COMMERCE & BUSINESS ADMINISTRATION

Name of Diploma.

All-India Diploma course in Commerce and Business Administration—30 seats.

Admission.

There are no written tests for admission, but candidates are interviewed by the Admissions Committee.

Qualifications.

(*i*) Matriculation preferably with commercial subjects or equivalent—2nd Division. (*ii*) Higher Secondary Certificate preferably with commercial subjects—2nd Division.

Note :—The candidates who have passed (*i*) I. Com ; (*ii*) Madras Government Certificate Examination in Book-Keeping, Banking, Shorthand, Typewriting. (*iii*) Government Commercial Diploma Examination of Delhi or Calcutta, are admitted directly into the 2nd year diploma class.

Training.

This 3-year full-time day course provides a thorough professional training in commercial occupations. The standard of syllabi is equivalent to that of the B. Com. course of an Indian University, with the difference that training here is on both theoretical and practical lines. Every student must do 12 months of practical work in an approved office or firm after passing the final Diploma Examination in order to get his All-India Diploma.

Recognition.

The Diploma is recognised by the Government of India as equivalent to a Bachelor's Degree in Commerce, awarded by a recognised Indian University for the purpose of direct recruitment to services and posts under the Government of India.

ALL-INDIA CERTIFICATE COURSE IN

COMMERCE & BUSINESS ADMINISTRATION

It is a three year part time evening course which qualifies students engaged in full time commercial occupations for promotion to responsible posts. There are 30 seats.

CHARTERED ACCOUNTANTS COURSE PART I

This is open to Intermediates of Indian Universities or equivalent and prepares for the Part I Examination of the Indian Institute of Chartered Accountants. The duration is 10½ months from 1st July to 14th April. There is no written tests for admission to these examinations, but candidates are interviewed by the Admissions Committee.

ARCHITECTURE DEPARTMENT

SCHOOL OF ARCHITECTURE

Name of Diploma.

All-India Diploma in Architecture by (*i*) 5 years' full time day work or (*ii*) 7 years' part-time evening work. 30 seats.

Admission.

Candidates are required to take Drawing and aptitude tests followed by personal interviews with the Admissions Committee.

Qualifications.

(*i*) Matriculation, preferably with Science and Drawing.
(*ii*) Higher Secondary Science/Technical Certificate of the Board of Higher Secondary Education, Delhi, or Qualifying Examination of the Delhi University.

(*iii*) Intermediate in Science of an Indian University.

(*iv*) Pre-Engineering Examination Certificate of the Government of India.

Training.

The course provides systematic training in both the Scientific and Artistic aspects of the architectural profession and prepares for the All-India Diploma which is already the standard architectural qualification in India.

Recognition.

The Diploma is recognised by the Government of India as equivalent to Degree in Architecture awarded by an Indian University or A.I.I.A., or R.I.B.A. Diploma for the pupose of direct recruitment to services and posts under the Central Government.

ART DEPARTMENT

Name of Diploma.

Polytechnic Diploma in Art.

Admission.

Candidates are required to undergo a test in Drawing and satisfactory interview with the Admissions Committee before their admission.

Qualification.

Matriculation or equivalent educational qualifications. Even non-Matriculates are admitted if they show exceptional potential ability in art.

Training.

This five years' full time day course prepares students to practise painting sculpture and various branches of Applied Art independently. Every student must take a years' practical training in Applied Art in an approved office or firm after passing the final Polytechnic Diploma Examination in order to get his Polytechnic Diploma.

POLYTECHNIC CERTIFICATE COURSE IN ART

This part-time evening course is of 3—5 years' duration and prepares persons who are engaged as professional artists or those who take interest in Art as a hobby for further qualifications.

VOCATIONAL SHORT PERIOD COURSES.

These are of 1—2 years' duration in various trades *e.g.*, Drawing, Painting, Engraving and Sculpture.

TEXTILE DEPARTMENT

Name of Diploma.

Polytechnic Diploma in Textile Technology.

Qualifications.

(*i*) Intermediate in Science with Physics, Chemistry, and Mathematics or equivalent—2nd Division.

(*ii*) Pre-Engineering Examination Certificate of the Government of India—2nd Division.

Training.

This three years' full time day course provides thorough training in Cotton Spinning, Weaving, Designing, Bleaching, Dyeing and Finishing together with the allied subjects of Textile Engineering, Organisation, Planning and Cotton Economics.

Every student must undergo approved apprenticeships in a Textile Mill for one year after passing the Final Diploma Examination in order to obtain the Polytechnic Diploma.

POLYTECHNIC CERTIFICATE COURSE IN TEXTILE TECHNOLOGY

This is a part-time day and evening course of three years open to Textile Mills employees who have passed the Matriculation or equivalent Examinations. This course is started only if sufficient applicants offer for it.

ALIGARH MUSLIM UNIVERSITY

COLLEGE OF ENGINEERING AND TECHNOLOGY

Admission.

The candidates are admitted after they are successful in a competitive examination arranged for both Degree and Diploma Examinations.

Minimum Qualification.

(*i*) *Degree* :—Intermediate Examination with Mathematics.

(*ii*) *Diploma* :—Matriculation or High School Examination with one of the following subjects—General Science, Drawing, Manual Training, Agriculture, Mechanics with workshop practice.

Age.

For (*i*) above : Between 17 and 21 years of age.

For (*ii*) above : Between 17 and 21 years of age.

Details.

Full details, prospectus, application form etc. are obtainable from the Principal, Engineering College on payment of Re. 1/- in advance by ordinary post or Rs. 1/5/- by registered post.

THE GOVERNMENT SCHOOL OF ENGINEERING GURDASPUR

Qualification.

Matrics are eligible for admission.

Age.

Candidates must be between the age of 17 and 22 years of age on the 1st February of the year of admission.

Courses.

Overseer's course (2 years) ; Draftsman's course (2 years); Supplementary course in Reinforced Concrete of $4\frac{1}{2}$ months.

Subjects.

Mathematics, Drawing, English, Physique and Oral test. In addition, Mensuration of Plane surfaces, Drawing (Block, Scale Model etc.)

Full Details.

From the Principal, Government School of Engineering, Gurdaspur Punjab.

PRINCE OF WALES MILITARY COLLEGE ADMISSION EXAMINATION

Nature of Examination.

A competitive examination held at Dehra Dun, every year.

Whom to Apply.

Applications should reach the Chief Secretary of the State Government or Chief Commissioner in whose jurisdiction the applicant's parents/guardians ordinarily reside through the local Deputy Commissioner.

Age Limits.

A candidate must have attained 11 years of age but must not have reached the age of 12 years on the prescribed date.

Terms.

There are two terms in the year (1) 20th January to 15th May (2) 1st August to 10th December.

Submission of Application.

Applications must be submitted by 15th September for the January term and by 15th April for the August term. Candidates for admission are interviewed by the Provincial Government authorities who also hold a written qualifying Examination in English and Mathematics.

Cost.

The fees are Rs. 750/- per term plus additional expenses of Rs. 400/-. Thus the annual cost is about Rs. 2300/-. A cadet spends 4 to 6 years at the College.

Scholarships.

A limited number of scholarships are awarded to deserving cadets after admission to the college, details of which are supplied to parents after a cadet has been admitted.

Training at the College.

The College provides a Public School education for boys who wish to obtain Commissions in the Army, Navy or Air Force.

The Educational training is designed to bring boys upto the standard of the Senior Cambridge School Certificate and the qualifying Examinations for entry into the National Defence Academy.

Compulsory Physical Training, games and parades ensure physical fitness etc. ; while special attention is paid to the imparting of discipline, self-reliance and social training to all cadets.

DIPLOMA COURSE IN ARCHIVES KEEPING

Nature of Examinations.

No preliminary examination is held for admission to this course, but the candidates should send their applications duly recommended by the Head of the Institution last attended, for providing the facilities of training.

Whom to Apply.

The Director, National Archives of India, Queensway, New Delhi on the form available from him.

Training.

The training is imparted in scientific methods of (*i*) storage, preservation and repair of records, and (*ii*) historical research.

Qualifications.

(*i*) *Two years' course* :—All candidates for the full course of training should ordinarily possess an M.A. Degree in History of an Indian University and in no case will an undergraduate be eligible for this course.

(*ii*) *One year's course* :—All candidates for one year's course should be at least graduates in History of an Indian University. Undergraduates are not admitted. The short

course is on any two subjects, but if Librarianship is selected Preservation is compulsory.

(*iii*) *Six Months' course* :—This short course is on Preservation only. Graduates in Science are given preference as such trainees will be able to do necessary laboratory work as well as to learn microfilming and other highly scientific methods of preservation. But students having no degree in science are also admitted and given lessons in all other methods excepting those requiring knowledge of Chemistry and Physics. This course is open to menders, records personnel of offices and institutions and students interested in that particular subject.

Expenses.

No fees are charged for any of the course, but students have to meet their personal expenses.

Diploma.

Written tests are held after completion of the course and successful candidates are awarded a diploma by the Government of India.

H.M.I. DOCKYARD APPRENTICESHIP

ADMISSION EXAMINATION

Nature of Examination.

A competitive examination.

Whom to Apply.

The Captain Superintendent, H.M.I. Dockyard, Bombay.

Qualifications.

Minimum Matriculate of an Indian University. A candidate must be a natural born subject of the Indian Union or Indian State or in whose favour a certificate of eligibility has been issued by the Government of India.

Age and Character.

Between 16 and 19 years of age on the date prescribed. Evidence of age and certificate of character in original will have to be produced before being allowed to commence an apprenticeship.

Examination Fees.

Rs. 5/- only which will include Medical Examination fee also.

Subjects of Examination.

		Marks
Mathematics I	...	100.
Mathematics II	...	100.
English	...	100.
Science	...	100.
General Knowledge	...	100.

Qualifying marks.

In order to qualify for selection a candidate should get 35% of marks in each individual subject and an aggregate of 40% of the total.

Medical Examination.

A successful candidate has to undergo a Medical examination at the Dockyard by the Senior Medical Officer, Dockyard Dispensary. A candidate must be in good health and of sound constitution and be free from any disease or defect that would render him unfit for duties as an apprentice. His bearing must be good and sight of both eyes must be 6/6 corrected by glasses if necessary.

Indenture.

Candidates selected for apprenticeship are bound to serve in H.M.I. Dockyard for period of 10 years after successful completion of their 5 years' apprenticeship. No candidate is entered unless his parent or guardian undertake the duty of the second party to the Indenture for the support etc. of his son or ward during his apprenticeship. A sum of Rs. 200/- is required as a deposit from the parent or guardian on accep-

tance of the candidate for apprenticeship. This sum is refundable on successful completion of apprenticeship. If an apprentice fails to complete the 10 years of service for reasons within his control, he will have to pay to the Government all expenses incurred on his training.

Training.

(A) *Practical Part I* :—For the first two years practical training is given to the apprentices in Fitting, Welding, Electrical, Wood working, Pipe and Plate Work, Blacksmithing, Pattern Making and Moulding.

Part II :—On completion of the above training, the apprentices will go to the Department either selected by them or to which they are best suited. They will spend a further two years in the various repair shops in the Dockyard.

Part III :—On the results of the final school examination at the end of the 4th year, selected candidates are given six months experience in their respective Drawing Offices followed by another six months in specialising. Those not selected for Drawing Office will spend the whole year in specialising in a particular section of their respective branches.

(B) *Theoretical* :—Concurrent with their practical training attend class room instruction in school and technical subjects for four years.

Subjects taught at the school :—

(*i*) *All Apprentices* :—English, Practical, Mathematics, Applied Mechanics, Indian History, Heat and Metallurgy, Electricity, Mechanical Drawing.

(*ii*) *Engineering apprentices* :—Steam and Heat Engines and General Engineering.

(*iii*) *Electrical apprentices* :—Electrical Engineering.

(*iv*) *Shipwright apprentices* :—Theoretical Naval Architecture and Laying off.

Wages of Apprentices.

Apprentices are paid at the following rates of pay subject to passing the examinations in the Dockyard school.

1st year	...	Rs. 35/-
2nd ,,	...	,, 35/-
3rd ,,	...	,, 40/-
4th ,,	...	,, 40/-
5th ,,	...	,, 45/-

Holidays.

Apart from the closed holidays, apprentices are granted 3 weeks leave without pay once a year. This period coincides with the annual open competitive examination.

Prospects after Apprenticeships.

On completion of their 5 years apprenticeships, they are employed in the Dockyard as technicians. They are given a practical test and must have made up any time lost by absence without leave before they can be paid the full rates of pay for technicians.

INDIAN SCHOOL OF MINES AND APPLIED GEOLOGY DHANBAD

Nature of Examination.

A competitive examination for qualifying for admission held in April or 1st week of May every year. Last date for submission of application is 31st March.

Qualifications.

Intermediates with Mathematics and Physics or Chemistry, or those who have passed Cambridge Higher School Certificate Examination course at the Bengal or Bihar Evening Mining Classes, or London University Matric, or Pre-Engineering Examination of Delhi Polytechnic.

Subjects of Examination.

Mathematics, Elementary Physics, English Composition.

Vacancies.

60. About 10 Scholarships are offered by the Government of India.

Fees.

Tuition, 1st and 2nd year Rs. 120 p.a. ; 3rd and 4th years Rs. 180 p.a.

Courses.

(2) Certificate in Coal Mining (3 years)

(2) Certificate in Metalliferous Mining (3 years)

(3) Certificate in Geology (3 years)

(4) Associateship in Mining Engineering (4 years)

(5) Associateship in Geology (4 years).

TRAINING CLASSES

FOR

LOCAL SELF-GOVERNMENT SERVICE

Conducted by.

The training classes are conducted under the joint auspices of the Government of Bombay and the Local-Self-Government Institute, Bombay.

Whom to Apply.

The Director, Local-Self-Government Institute, 11 Elphinstone Circle, Fort, Bombay.

Qualifications.

Matriculation or S.S.L.C. Examination of the Government of Bombay or other equivalent examination. Applications with higher qualifications will receive preference. Employees of local bodies not possessing the above qualifications may be admitted if the executive head of the local body concerned certifies that the applicant is a fit candidate for admission.

Admission Fee.

Rs. 25/- with the application.

Training Period and Examination.

Two training class sessions are held every year. One session commences from about 10th January and lasts upto the end of May or Middle of June. The other session commences from 5th July and lasts upto the end of November or middle of December.

Diploma examinations are held twice a year. A student is expected to attend one session for becoming eligible to appear for the Diploma examination.

aTraining Class Fees.

Inclusive of the application fee of Rs. 25 mentioned above, beetudent has to pay Rs. 75/- for the session to which he has saidn admitted. This will include his examination fee for the sIa session. A concession of Rs. 25/- is given to students who ens employed in a local body which is a member of the rtitute.

Examination Papers.

After the expiry of the period of training, a qualifying examination is held and successful candidates are awarded the diploma. There are six compulsory and one optional papers for examination as under :—

(*i*) Principles of Local Self-Government and various types of Local Bodies and Legislative Powers of Local Bodies in the matter of Rules, Registrations and Bye-laws—150 Marks.

(*ii*) Acts relating to Local Self-Government, Local Board Account Code and Primary Education Act and rules thereunder —150 Marks.

(*iii*) Accounts with special reference to Accounts of Local Bodies—100 Marks.

(*iv*) Rating and Assessment, Town Planning and Land Acquisition—150 Marks.

(*v*) Public Health and Acts relating to Public Health and Sanitation—100 Marks.

(*vi*) Engineering including Public Safety and convenience.

OPTIONAL PAPER

(*vii*) Bombay City Municipal Act 1888 and Rules, Regulations, Bye-laws, Standing Orders etc. made thereunder.

Pass Marks.

A candidate must secure 30% in each individual Paper and 40% in the aggregate to pass the examination. A candidate who passes in all the compulsory papers and obtains 66% marks in the aggregate is declared to have passed with distinction.

Employment Bureau.

The Institution is conducting an Employment Bureau for the recruitment of Diploma Holders. Attempts are made through this Bureau to supply local bodies with staff possessing suitable qualifications.

Diploma.

The Diploma is recognised by the Government of Bombay, Local Bodies, Governments of many States. The candidates can write the initials "L. S. G. D." after their names on procuring the diploma.

DAIRYING

INDIAN DAIRY RESEARCH INSTITUTE, BANGALORE

Name of Courses.

(*a*) Indian Dairy Diploma Course ; (*b*) Short Courses for Practical training ; (*c*) Honorary Research Workers' Course.

Qualifications.

Matrics in the case of Course (*a*) ; Men in Trade or deputed Officers for (*b*) and M. Sc. or B. Sc. (Hons.) for Course (*c*) above.

Tuition Fee.

Rs. 15 p. m.

Sessions.

(*i*) For Course (*a*) session usually commences in November and applications must be made by 1st September—30 seats.

(*ii*) For Course (*b*) the session begins in January, July and October. Applications should be made by 1st of May, August and September. 8 months' practical course—10 seats.

Misc.

Hostel accommodation is available the monthly expenses come to Rs. 75/- p.m. for (*a*) and (*b*), and Rs. 50/- for (*c*).

LADY READING HEALTH SCHOOL, DELHI

Whom to Apply.

The Secretary, Lady Reading Health School, Red Cross Building, New Delhi.

Duration of Course.

The course lasts for one and a half years. Admission takes place twice a year in April and October.

Qualifications.

Only women are eligible. A candidate must be in a sound physical health. She must have a fluent knowledge of English and a previous education equal to the Matriculation Standard. She must possess a registerable diploma in Midwifery. She must possess a good working knowledge of at least one commonly spoken Indian Vernacular.

Age.

She must not be less than 21 years of age.

Cost of Training.

(*i*) Tuition Fee—Rs. 100/-. (*ii*) Living Expenses—Rs. 35/- per mensem. (*iii*) Misc. Expenses—Rs. 20/- p. m. Students are given free quarters, light and water.

Stipends.

Six stipends of the value of Rs. 30/- p. m. are granted each year to suitable candidates who are not able to meet the full cost of training.

POULTRY FARMING

GOVERNMENT GENERAL POULTRY FARM, LUCKNOW

Whom to Apply.

The Director of Animal Husbandry, U.P., Lucknow.

Qualifications.

Candidates should have passed the High School Examination. Preference is given to those possessing high qualifications.

No. of Seats.

Seats limited to 9 for the residents of U.P. and 3 for outsiders.

Fee.

A tuition fee of Rs. 25/- for the whole course is payable in advance by the residents of U.P. Rs. 50/- by the outsiders. Candidates have to make their own arrangements for board and lodging.

Misc.

The course is of 3 months practical poultry training conducted at the Government General Poultry Farm Lucknow.

VETERINARY RESEARCH

INDIAN VETERINARY RESEARCH INSTITUTE, IZATNAGAR, U.P.

Whom to apply.

The Director of the Institute, by the 15 July.

Qualifications.

Degree or Diploma in Agriculture or Veterinary Science, or Dairying, or one year Provincial course in Poultry Husbandry.

Seats.

20 seats.

Fees.

Rs. 26 p.m.

Course.

Advanced course in Poultry Husbandry of six months duration, commencing from the Middle of October.

STATISTICS

INDIAN STATISTICAL INSTITUTE, PRESIDENCY COLLEGE, CALCUTTA

Whom to Apply.

The Honorary Secretary, Indian Statistical Institute Presidency College, Calcutta 12, on a prescribed form.

Qualifications.

Minimum qualification required for admission is B.A. or B.Sc. with honours in Mathematics, Statistics, Economics (with Mathematics as a subsidiary subject) or Physics, of any recognised University.

Course.

The course is of two years duration and imparts professional training in handling statistical projects, besides a basic training in statistical theory and application.

Session.

In July. Applications should reach by the 31st May.

LABOUR WELFARE

THE SCHOOL FOR TRAINING OF LABOUR WELFARE WORKERS, BOMBAY

Whom to Apply.

The Principal, School for Training of Labour Welfare Workers, Gymnasium Building, Government Labour Welfare Centre, Naigaum, Bombay on prescribed form.

Qualifications.

The minimum qualifications for admission to the courses graduation in Arts, Science or Commerce. Those who are under-graduates may also be considered. Applicants with lower academic qualifications may also be considered if they have sufficient experience of labour work, but the diploma is not awarded to them.

Fee.

The fee for the full course is Rs. 100/- to be paid in one instalment at the time of admission, in cash only.

Course.

It is a nine-month Diploma course. The course commences in the last week of July every year and applications for the same, must be sent by the 1st week of July. The School imparts theoretical and practical training to persons aspiring to be social workers or Labour Leaders, Labour Welfare Officers or Personnel Officers in factories.

Diploma.

The Diploma in Proficiency is given to the candidates declared successful by a special Board of Examiners, in the examination to be held at the conclusion of the term.

RESEARCH

THE INDIAN INSTITUTE OF SCIENCE BANGALORE

Whom to Apply.

The Registrar, The Indian Institute of Science, Bangalore, on a prescribed form, together with a non-returnable fee of Rs. 2/-, by the 15th of June every year.

Qualifications.

B.Sc. (Hons), M.Sc., or B.E.

Courses.

(*a*) Research work (Associateship) in the following Departments :—(1) Aeronautical Engineering ; (2) Biochemistry ; (3) Electrical Technology ; (4) Electrical Communication Engineering ; (5) Internal Combustion Engineering ; (6) Metallurgy ; (7) Physics ; and (8) Pure and Applied Chemistry.;

(*b*) Diploma Courses in Aeronautical Engineering Chemical Engineering ; Electrical Engineering ; Communication Engineering ; Electrical Technology ; Internal Combustion Engineering ; and Metallurgy.

Misc.

Research students are awarded the Associateships of the Institute on the basis of approved thesis giving accounts of the Research work done at the Institute. A large number of Research studentships, scholarships and stipends are available.

THE INSTITUTE OF ACTUARIES, LONDON

Whom to Apply.

The Assistant Secretary, The Institute of Actuaries. Staple Inn Buildings, Holborn, London, W.C.I.

Examinations.

The examinations held by the Institute are seven in number, namely, the Preliminary Examination and Part I, II, III, IV, V and VI.

Subjects.

(*i*) *Preliminary Examination* :—(1) Algebra ; (2) Elementary Differential and Integral Calculas ; and (3) English Essay and Precis.

(*ii*) *Part I* :—(1) Profability ; Elementary Statistics ; (2) Finite Differences, including Interpolation and Summation ; (3) Compound Interest and Annuities-Certain, including the construction and use of relative Tables.

(*iii*) *Part II* :—Theory of Life Contingencies and other contingencies within the scope of acturial work ; Construction of the Life Table and Other Tables based on such Contingencies (excluding Compilation of Tables from Statistics and Graduation) and of functions based thereon ; Values of Annuities, Assurances (of various types) and Net Premiums.

(*iv*) *Part III* :—Compilation, analysis, interpretation and practical applications of Mortality, Sickness, Accident, Service and other similar Statistics and the Preparation of Tables, including multiple decrement Tables, based thereon. Graduation of such Statistics and Functions derived therefrom. History, distinctive features and application of the Principal Tables in general use. Application of Statistical Methods and the employment of Official Statistics in the solution of problems.

(*v*) *Part IV* :—(1) Calculation of Office Rates of Premium for Assurances and Annuities depending on Life and Other Contingencies. (2) Valuation of the Contracts of Life Assurance Companies. (3) General provisions of the Acts relating to Life Assurance Companies, including the relative schedules. Problems, relating to Employers' Liability Insurance, arising out of the statutory duties of an actuary. (4) Analysis and distribution of surplus and other practical problems arising on the Valuation of Life Assurance Companies ; Surrender Values of Policies and other Contracts.

(*vi*) *Part V* :—(1) Calculation of Rates of Sickness and Funeral Benefits ; Valuation of Friendly Societies, the treatment of any resulting Surplus or Deficiency and Problems connected therewith ; General Provisions of the Acts relating to Friendly Societies, including the relative schedules. (2) Deter-

mination of Rates of Contribution for Pensions Benefits and Widows' and Orphans' Benefits ; Valuation of Funds providing these Benefits and, generally, Problems connected therewith.

(*vii*) *Part VI* :—(1) Investment of the Funds of Insurance Companies and Friendly and other Provident Societies ; Valuation of Investments : Income tax. (2) Valuation of life Interests and Reversions. (3) Social Insurance Schemes.

Fees.

Preliminary Examination £ 2/2/- ; Part I—£ 2/2/- ; Part II—£ 2/2/- ; Part III—£ 2/2/- Part IV—£ 3/3/- ; Part V—£ 3/3/- Part VI—£ 3/3/-.

Representative in India.

Superintendent of Insurance, Simla,

Examination Centre.

University of Delhi.

SOCIAL SERVICE

TATA INSTITUTE OF SOCIAL SERVICES, BOMBAY

Whom to Apply.

The Registrar, Tata Institute of Social Services, Bombay.

Qualifications.

Graduates or Post graduates. Preference is given to students of Sociology, Psychology, or Economics.

Subjects.

Social Pathology, Indian Social Problems, Social case work, Groups work, Community, Organisation and Specialization courses in the fields of Industrial Relations and Personnel Management, Family and Child Welfare Social Work in Medical and Psychiatric Settings, Public Welfare Administration, Criminology and Penal Administration, Applied Anthropology and Tribal Welfare and Social Research.

Duration of Course.

$2\frac{1}{2}$ years.

Prepared for.

Students are prepared for positions such as Labour Officers, Welfare Officers, Medical Social Workers, Psychiatric Social Workers, Research Workers and Investigators, Relief Workers, Social Workers for Prohibition Departments, etc., etc.

EDUCATION

GOVERNMENT OF INDIA CENTRAL INSTITUTE OF EDUCATION, DELHI

Whom to Apply.

The Principal, Government of India Central Institute of Education, 32 Prybyn Road, Delhi 2.

Courses.

B.T. and M.Ed.

Qualifications.

(*i*) *B.T. Course* :—B.A. or B.Sc. degree of a recognised university. Preference given to teachers and persons with high academic qualifications.

(*ii*) *M.Ed. Course* :—B.T. with three years teaching experience. The latter condition being relaxable in special cases.

Duration of Courses.

one year each.

Full Details.

Are available from the Principal's Office at 32 Prybyn Road, Delhi 2.

SANITATION

THE SANITARY INSPECTORS' CLASS.

Whom to Apply.

The Director of Health Services, Punjab, Kasauli, by 15th September.

Qualifications.

A candidate must have passed M. & S.L.C. or an equivalent examination in the Faculty of Science with Hygiene and Physiology or Drawing as optional subjects.

Age.

Between 18 and 23 years. 30 years in the case of Government servants.

Full Details.

From the Director of Health Services, Punjab, Kasauli.

MARINE ENGINEERING

THE NAUTICAL ENGINEERING COLLEGE, BOMBAY

Whom to Apply.

The Director of Marine Engineering College, Azad Maidan, Bombay—1.

Courses.

(*a*) Provides instructions for sea-going officers for the following examinations :—Master, First Mate and Second Mate (Foreign going), Master and Mate (Home Trade) ; and First and Second Class Marine Engineer (Steam and Motor).

(*b*) Deck (Navigating Officers).

Qualifications and Age.

Candidates should be Matrics with Mathematics and between 16 and 18 years of age (Inters, up to 19 years).

Training and its cost.

Selected candidates are given 3 months' pre-sea training after which they are placed with Shipping Companies as Apprentices. Cost of training, including tuition, board and lodging is Rs. 160 p.m.

Duration of Courses.

3 months each.

GOVERNMENT OF MADHYA BHARAT SERVICES

ADMINISTRATIVE SERVICES

Nature of Examination.

A competitive examination.

Whom to Apply.

The Secretary, Madhya Bharat Public Service Commission, Gwalior.

Status of the Service.

The Madhya Bharat Administrative Service is a gazetted Service.

Nature of the Posts.

(*a*) Chief Secretary ; (*b*) Members of Board of Revenue ; (*c*) Commissioners of Divisions ; (*d*) Heads of Departments ; (*e*) Secretaries to Government ; (*f*) Suba and other analogous Posts ; (*g*) Deputy Secretaries to Government.

Qualifications.

(*a*) *Academic* :—A candidate must hold a degree of a University established by Law in India or any other University recognised for this purpose by the Government of Madhya Bharat.

(*b*) *Other* :—A candidate must be :

(*i*) a citizen of India whose original domicile is in Madhya Bharat provided he has not acquired a domicile elsewhere ; or

(*ii*) a citizen of India whose original domicile is not in Madhya Bharat but has acquired a domicile in Madhya Bharat and has resided there for not less than five years at the date on which he applies for recruitment ; or

(*iii*) a person who has migrated from Pakistan before July 18, 1948 to India and has duly been registered a citizen of India ; or

(*iv*) a person or class of persons or a citizen of an area or territory adjacent to Madhya Bharat or to India in respect of whom or which a declaration of eligibility has been made by Madhya Bharat Government ; or

(*v*) a citizen of India whose father is or if dead was at the time of death, employed in any department of the Central Government and is or was, liable to inter-provincial transfers, shall be eligible for recruitment provided that he has himself resided in Madhya Bharat for three continuous years immediately preceding the date of his application for recruitment.

Age.

A candidate must have attained the age of 21 years and must not have attained the age of 25 years on the first January next following the date of commencement of the examination.

A Government Servant who is over the age of 25 years and under the age of 27 years and holds substantively a permanent post and has been in continuous service in any department or office for a period of not less than two years may be admitted to the examination if he is recommended by the Head of the Department concerned.

Fees.

(*a*) *Payable to the Commission* :—

(*i*) Re. 1 with the requisition for application form.

(*ii*) Rs. 5 with the application.

(*iii*) Rs. 30/- as examination fee (Rs. 20/- in the case of Harijans and Adivasis caste candidates).

(*b*) *Medical Board.* (only in the case of candidates who are asked to appear before the Board) :—

Rs. 16/- before examination.

Syllabus.

(*a*) *Compulsory Subjects* :—

(1) Hindi—150 ; (2) General Knowledge—150 ; (3) English —100 marks.

(*b*) *Optional Subjects* :—

Group I :—Language and Literature.

(1) Sanskrit Language and Literature ; (2) Hindi Language and Literature ; (3) English Language and Literature.

Group II :—Mathematics and Science.

(1) Physics ; (2) Chemistry ; (3) Botany ; (4) Zoology ; (5) Agriculture ; (6) Pure Mathematics ; (7) Applied Mathematics.

Group III :—Economics, History and Law, etc.

(1) General Economics ; (2) Indian History ; (3) Modern European History 1740 to 1920 A. D. ; (4) British History—1714 to Present Day ; (5) Political Science ; (6) Law ; (7) Philosophy.

(c) *Viva Voce* :—As many candidates as will show suitability for appointment in written test are called for *Viva Voce* examination and a maximum of 300 marks to each such candidates for his suitability for appointment in respect of character, personality, address and physique, are awarded by the Commission. Such marks are added to the marks obtained in the written examination.

Note :—Each optional subject carries 200 marks. Candidates are allowed to take up optional subjects upto a total of 600 marks, but not more than two subjects in one group. No candidate may, however, offer both European History and British History or both Pure and Applied Mathematics.

POLICE SERVICES

Nature of Examination.

A competitive examination.

Whom to Apply.

The Secretary, Madhya Bharat Public Service Commission, Gwalior, on the prescribed form.

Posts and their Scales.

(1) Inspector-General—Rs. 1000—40—1200.

(2) Deputy Inspectors-General—Rs. 750—40—950.

(3) Superintendent of Police
(Selection Grade)—Rs. 630—30—750.

(4) Superintendent of Police
(Ordinary Grade)—Rs. 400—20—600.

(5) Deputy Superintendent
of Police—Rs. 250—10—350.

Qualifications.

A candidate must hold a degree of a University established by Law in India or of any University abroad recognized by the Government of Madhya Bharat for this purpose or must have qualified at an examination recognised by Madhya Bharat Government after consultation with the Commission as equivalent to a University degree examination.

Age.

A candidate must have attained the age of 21 years and must not have attained the age of 25 years on the 1st day of January next following the date of commencement of the examination.

A candidate who is entitled in respect of his age to appear at the examination in any year in which no such examination was held, he is deemed to be entitled in respect to his age at the next following examination.

Note :—The maximum age limits for the candidates to the examinations to be held in the years 1951 and 1952 are 27 and 26 years respectively as an exception.

Fees.

(*a*) *Payable to the Commission* :—

(*i*) *Application Fee* :—Re. 1/- with the requisition for application form.

(*ii*) *Examination Fee* :—Rs. 35/- (or Rs. 25/- in the case of Scheduled castes and scheduled Tribes candidates).

(*b*) *Medical Board* (Only in the case of candidates who are asked to appear before the Board) :—Rs. 16/- before the examination by the Medical Board.

Syllabus.

(*a*) *Compulsory Subjects :—*

(1) Hindi—150 ; (2) General Knowledge—150 ; and (3) English—150 marks.

(*b*) *Optional Subjects :—*
Group I :—Language and Literature.

(1) Sanskrit Language and Literature ; (2) Hindi Language and Literature ; (3) English Language and Literature.

Group II :—Mathematics and Science.

(1) Physics ; (2) Chemistry ; (3) Botany ; (4) Zoology ; (5) Agriculture ; (6) Pure Mathematics ; (7) Applied Mathematics.

Group III :—Economic, History and Law, etc.

(1) General Economics ; (2) Indian History ; (3) Modern European History 1740 to 1920 A. D. (4) British History—1714 to Present Day ; (5) Political Science ; (6) Law ; (7) Philosophy.

Note :—Each optional subject carries 200 marks ; candidates are allowed to take up optional subjects upto a total of 400 marks, but not more than two subjects in one group. No candidate may, however, offer both European History and British History or both Pure and Applied Mathematics.

Viva Voce :—As many candidates as will show suitability for appointment in written test are called for *Viva Voce* test any a maximum of 300 marks to each such candidate for his suitability for appointment in respect of character, personality, address and physique, are awarded by the Commission. Such marks are added to the marks obtained in the written examination. No candidate who fails to secure 120 marks at the *Viva Voce* test is appointed.

GOVERNMENT OF RAJASTHAN

Nature of Examination.

Competitive.

Whom to apply.

Secretary, Rajasthan Public Service Commission, Jaipur.

Posts.

(1) Rajasthan Administrative Service; (2) Rajasthan Police Service ; (3) Rajasthan Judicial Service ; and (4) Rajasthan Subordinate Service.

Full Particulars.

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